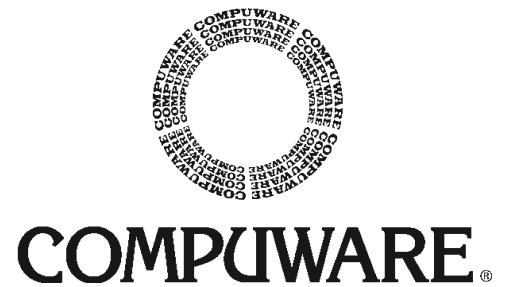


STROBE MVS

Messages Guide

Release 3.0



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Summary of Changes

Changes to STROBE

STROBE MVS for Sysplex Release 3.0 includes extensions to the AutoSTROBE function of the STROBE Advanced Session Management Feature. Release 3.0 also includes STROBE Java Feature support of measurement of applications written using Java Virtual Machine (JVM) in addition to High Performance Java (HPJ).

Changes to this Manual

This section discusses the changes to this document for STROBE MVS for Sysplex Release 3.0.

New messages are added to support the changes to AutoSTROBE and the STROBE Java Feature, as well as miscellaneous updates and enhancements to STROBE and the STROBE Features.

Introduction

This manual describes the messages and abnormal termination (ABEND) codes produced by the STROBE MVS Application Performance Measurement System, a program product designed for IBM MVS/ESA, IBM OS/390, and IBM z/OS systems. It lists each message, followed by probable causes, the STROBE system response, and the recommended course of action. For each ABEND code, the manual provides the code number and describes the probable cause of the ABEND.

How This Manual Is Organized

The Summary of Changes describes changes made to STROBE and this manual since the last release.

Chapter 1, “Overview” explains where to find STROBE messages, how to interpret them, and how to act on them.

Chapter 2, “Messages Produced by STROBE” lists the messages in numerical order by message number and groups them by the component of the STROBE system that issued the message.

Chapter 3, “Abend Codes Returned by STROBE” describes abnormal termination (ABEND) codes, lists them numerically by code number, and identifies the reason that the ABEND occurred.

How to Use This Manual

Use this manual to interpret STROBE messages and ABEND codes. You can also view message explanations online with the STROBE/ISPF Online Message Facility, Option M from the STROBE/ISPF STROBE OPTIONS menu.

The STROBE Library

The STROBE base product manuals include:

- *STROBE MVS Concepts and Facilities*, document number CWSTGX3A
STROBE MVS Concepts and Facilities explains how to decide which programs and online regions to measure, when to measure them, and how to interpret the reports in the STROBE Performance Profile.
- *STROBE MVS Messages*, document number CWSTXM3A
STROBE MVS Messages lists all messages and abnormal termination (ABEND) codes, describes how to interpret them, and in many cases suggests a corrective action.
- *STROBE MVS System Programmer's Guide*, document number CWSTXI3A
The *STROBE MVS System Programmer's Guide* explains how to install and maintain STROBE.
- *STROBE MVS User's Guide*, document number CWSTUX3A and the *STROBE MVS User's Guide with Advanced Session Management*, document number CWSTUA3A

The *STROBE MVS User's Guide* explains how to use STROBE to measure application performance. The *STROBE MVS User's Guide with Advanced Session Management* explains how to use STROBE with the STROBE Advanced Session Management Feature to measure application performance. Users who have the STROBE Advanced Session Management Feature will use this manual rather than the *STROBE MVS User's Guide*.

- *STROBE MVS Application Performance Measurement System Quick Reference*

The *STROBE MVS Application Performance Measurement System Quick Reference* is a convenient reference for how to use STROBE and for interpreting the STROBE Performance Profile.

STROBE Feature Manuals

These manuals describe the optional features of the STROBE MVS Application Performance Measurement System. Each manual describes measurement concepts applicable to and specific data made available by the feature.

- *STROBE MVS User's Guide with Advanced Session Management*, document number CWSTUA3A
- *STROBE ADABAS/NATURAL Feature*, document number CWSTUN3A
- *STROBE CA-IDMS Feature*, document number CWSTUR3A
- *STROBE CICS Feature*, document number CWSTUC3A
- *STROBE COOL:Gen Feature*, document number CWSTUG3A
- *STROBE CSP Feature*, document number CWSTUP3A
- *STROBE DB2 Feature*, document number CWSTUD3A
- *STROBE IMS Feature*, document number CWSTUI3A
- *STROBE Interface Feature*, document number CWSTUF3A
- *STROBE Java Feature*, document number CWSTUJ3A
- *STROBE MQSeries Feature*, document number CWSTUM3A
- *STROBE UNIX System Services Feature*, document number CWSTUU3A

Online Documentation

STROBE manuals are available in HTML, Adobe Acrobat PDF format, and IBM BookManager format, on CD-ROM and at Compuware's technical support Web site at <http://frontline.compuware.com>.

Online Help

STROBE products provide the following online information:

- STROBE/ISPF/ISPF Online Tutorials, Option T from the STROBE/ISPF STROBE OPTIONS menu
- STROBE/ISPF/ISPF Online Message Facility, Option M from the STROBE/ISPF STROBE OPTIONS menu

Other Compuware Application Performance Management Products

The following products and features work in conjunction with the STROBE MVS Application Performance Measurement System. These tools extend the benefits of application performance management (APM).

iSTROBE

iSTROBE enables you to view and analyze STROBE Performance Profile data on a workstation using a standard Web browser. Easy to install and easy to use, iSTROBE guides you through the performance analysis process and offers recommendations for improving performance. iSTROBE simplifies the performance analysis of applications that you measure with STROBE. For more information on iSTROBE, see the *iSTROBE Getting Started Guide*.

SQL Analysis Feature

The SQL Analysis Feature works in conjunction with STROBE and iSTROBE or APMpower to supply access path analyses and database and SQL coding recommendations for DB2 applications measured by STROBE. The SQL Analysis Feature pinpoints the most resource-consumptive static or dynamic SQL statements, explains why these statements might be inefficient, and provides recommendations to improve the performance of the DB2 application. For more information on the SQL Analysis Feature, see the *STROBE MVS User's Guide* or the *STROBE MVS User's Guide with Advanced Session Management*.

APMpower

The APMpower Application Performance Analysis System extends the benefits of STROBE to application developers who use workstations to develop, test, and maintain MVS applications. Developers employ the APMpower graphical user interface and advanced analytical aids to navigate the Performance Profile, analyze and improve application performance, and share performance knowledge across the IS organization. For more information about APMpower, see the APMpower documentation.

Compuware APM Technical Support

For North American customers, for technical support, please contact the Technical Support department by telephone at (800) 585-2802 or (617) 661-3020, by fax at (617) 498-4010, or by e-mail at strobe-sup@compuware.com.

To access online technical support, visit Compuware's FrontLine page on the World Wide Web at <http://frontline.compuware.com> and select the product "STROBE and APMpower."

For other international customers, please contact your local Compuware office or STROBE supplier.

Compuware APM Training

Compuware's Education Resources Group offers a range of training options for organizations that use STROBE, iSTROBE, and APMpower. To arrange Application Performance Management training, please contact Compuware at 1-800-835-3190 or visit Compuware's Education Resources Group at <http://www.compuware.com/training>

For other international customers, please contact your local Compuware office or STROBE supplier for a complete list of APM Training offerings.

Compuware APM Service Offerings

For North American customers, for information about current service offerings, please contact your local Compuware sales office or call Compuware Corporate Headquarters at 1-800-COMPUWARE (266-7892) or visit Compuware's APM Product page on the World Wide Web at <http://www.compuware.com/products/strobe>.

For other international customers, please contact your local Compuware office or STROBE supplier for a complete list of Services offerings.

APM Installation Assurance

The APM Installation Assurance service assists you in planning for, installing, customizing and using APM products. The service will help you maximize the value and benefits derived from the APM product family.

Consulting engineers work closely with your IT personnel to understand your operating environment and your organization's APM goals. The engineer will assist you in developing a customization and installation plan for STROBE, iSTROBE, and APMpower. The engineer will oversee the installation process and verify product readiness. The engineer will also help set up measurement request schedules, request groups, history records, AutoSTROBE measurement requests, and will verify the installation of the SQL Analysis Feature.

With APM Installation Assurance services, your organization can immediately maximize the value received from your investment in the APM product family. You will also benefit from a fully customized installation that will enhance the product functionality and increase the automation aspects of your APM initiatives.

Application Performance Management Consulting

The Application Performance Management (APM) Consulting services assist you in identifying and resolving specific performance problems in your OS/390 business-critical applications.

Using STROBE, iSTROBE, and APMpower, consulting engineers work closely with your IT personnel to measure an application's performance, identify performance improvement opportunities and make recommendations for implementing solutions.

With APM Consulting services, your organization cannot only resolve problems quickly and effectively, but also gain the skills necessary to prevent application performance degradation in the future.

Application Performance Assessment

The Application Performance Assessment (APA) service assists you in achieving a higher level of performance for your OS/390 business-critical applications.

Using STROBE, iSTROBE, and APMpower, consulting engineers work closely with your IT personnel to evaluate the efficiency of business-critical applications, identify opportunities for improving performance and document the potential savings that can result from implementing recommended solutions.

With APA services, you cannot only improve application performance quickly and effectively, but also gain the knowledge and skills necessary to implement and sustain a process-oriented application performance management (APM) program.

Chapter 1.

Overview

STROBE issues messages that report on the status of the components of STROBE. Specifically, these messages are returned from the session management facility, its session manager and session requester components, the measurement facility and its subsystem components, and the reporting facility. These components are described in the *STROBE MVS System Programmer's Guide*.

Messages fall into six categories depending upon their level of severity. They can be informative messages, License Manager System (LMS) messages, warnings, conditional errors, errors, and severe errors.

- **Informative messages** confirm user inputs, present information about the status of a STROBE function, and announce the completion of processing.
- **License Manager System** messages provide information about the licenses you have Compuware products. See the License Manager System documentation for more information about these messages.
- **Warnings** indicate that STROBE has performed the requested operation but had to use some default options.
- **Conditional errors** indicate that STROBE has performed the requested operation, but the information in the STROBE Performance Profile may be incomplete.
- **Errors** indicate that STROBE did not perform the operation, but you can correct and resubmit the request.
- **Severe errors** cause STROBE to terminate processing. The *STROBE MVS System Programmer's Guide* contains system recovery information.

Message Destination

The STROBE session management facility writes its messages to the SYSPRINT data set and to an operator's terminal (if the request originated from the terminal). The session management facility also writes all messages, except those produced in response to measurement session status requests, to the STROBE log data set. The session management facility writes those messages produced in response to measurement session status requests to an operator's terminal.

STROBE/ISPF displays its messages at the top of the STROBE/ISPF panel associated with the error. You can view a longer explanation by pressing the Help PF key. When the session management facility performs an operation and returns more than one message, STROBE/ISPF places the messages in a data set and invokes the ISPF Browse function.

STROBE writes messages produced during reporting and indexing to the SYSPRINT data set.

Message Format

Messages consist of an identifier followed by a short description of the condition. Message identifiers have a standard format of STR $snnmx$, where:

- STR is the STROBE prefix.

- *snmn* is a four-digit message key, where
 - *s* is the STROBE subsystem identification.
 - *nmn* is the unique message number within the program identified by *s*.
- *x* is a one-letter severity code indicator.

The possible values for the severity code and their associated return codes are shown in “Return Codes and Severity Codes” on page 1-2.

STROBE follows the message identifier with a short description of the condition. For example:

STR0200I STROBE MEASUREMENT ENDED

Message Notation

Lowercase italicized words represent the names of variables.

Brackets, braces, and vertical bars denote phrases that may or may not appear in the actual message:

- Brackets [] enclose expressions that appear only conditionally.
- Braces { } enclose alternative expressions (only one of which appears in the message), separated by vertical bars |.

Return Codes and Severity Codes

Unless otherwise indicated, the measurement task sets the job step return code to the value provided by the target program when it terminates.

The STROBE session management facility, measurement facility, and the reporting facility set a return code to match the severity code in each message.

Note: A return code in a message from a LIST or DELETE command issued through Session Requester reflects the highest return code associated with any of the requests targeted by that command.

Severity codes and the accompanying return codes are as follows:

Severity Code	Return Code	Meaning
I	0	Informative message: occurs during normal operation.
W	4	Warning message: indicates the operation is performed, but some information may be missing or some default options may be used.
C	8	Conditional error message: indicates a user or system error. The requested action is performed and STROBE continues processing, but information in the Performance Profile reports may not be complete.
E	8	Error message: indicates a user or system error. The requested action is not performed. If the measurement task issues such a message, it terminates sampling, but the target program execution continues.

Severity Code	Return Code	Meaning
S	12	Severe error: indicates a user or system error. STROBE terminates processing.

ABEND Codes

This manual references STROBE abnormal termination (ABEND) codes, which appear when STROBE terminates without completing the measurement session. Chapter 3, “Abend Codes Returned by STROBE” includes a table of ABEND codes, their reason codes, and an explanation of why the ABEND occurred.

Viewing Message Descriptions with STROBE/ISPF

You can view an explanation of an error message by entering `.M` in the COMMAND or OPTION field on the panel displaying the message. In addition, you can view an explanation of any message from any panel by entering `.M scnn` (where *scnn* is the message key) in the OPTION field on the panel, or by selecting OPTION M from the STROBE OPTIONS menu. The messages and the accompanying explanations, system actions, and the recommended response are in Chapter 2, “Messages Produced by STROBE” of this manual.

To view all the messages for the current request, enter `.CVM` in the OPTION field or select OPTION L from the STROBE OPTIONS menu. STROBE/ISPF presents all the messages in a data set for you to browse.

Error Recovery and Reporting

This manual provides a recommended course of action for problems that a user can correct. If the error involves installation defaults, dynamic allocation problems, or other system problems, you should contact the STROBE system programmer.

Additional system information is in Chapter 6 of the *STROBE MVS System Programmer's Guide*.

Chapter 2.

Messages Produced by STROBE

Messages Returned by the Measurement Task

The measurement task returns the following messages.

STR0115E SAMPLING MODULE *modname* NOT FOUND - MEASUREMENT SESSION TERMINATED

Explanation: STROBE did not find the sampling routine named *modname*.

System Action: The measurement task terminates.

User Response: Notify the STROBE system programmer. There has probably been an installation error.

STR0117E I/O ERROR LOCATING SAMPLING ROUTINES - MEASUREMENT SESSION TERMINATED

Explanation: STROBE encountered an I/O error while issuing a BLDL for the sampling routines.

System Action: The measurement task terminates.

User Response: Notify the STROBE system programmer.

STR0118W I/O ERROR SEARCHING DCC LIBRARY - DCCLIB OPERAND IGNORED

Explanation: STROBE encountered an I/O error while issuing a BLDL for a data collector.

System Action: STROBE attempts to load the data collectors from either a link list data set or the library specified by STRMTLIB.

User Response: Save the JES log of the measured job and notify the STROBE system programmer.

STR0119W DCC LIBRARY ALLOCATION FAILED - RC=*rc*; ERC/IRC= *erc/irc*; *dsname*

Explanation: STROBE encountered a non-zero return code while attempting to allocate a load library, *dsname*, for the data collectors. The return code is *rc*, the error reason code is *erc*, and the information reason code is *irc*.

System Action: STROBE attempts to load the data collectors from either a link list data set or the library specified by STRMTLIB.

User Response: Specify a valid load library name in the STROBE DCCLIB operand or in the OTHER PARAMETERS field on the STROBE/ISPF ADD ACTIVE or ADD QUEUED REQUEST panel. If the library name is valid, notify the STROBE system programmer.

STR0122W OPEN FAILED FOR DCC LIBRARY - DEFAULT LIBRARY USED

Explanation: An open has failed for the load library specified on the STROBE DCCLIB operand or on the STROBE/ISPF DATA COLLECTORS panel.

System Action: STROBE attempts to load the data collectors from either a link list data set or the library specified by STRMTLIB.

User Response: Specify a valid load library name in the STROBE DCCLIB operand or in the OTHER PARAMETERS field on a STROBE/ISPF ADD ACTIVE REQUEST or ADD QUEUED REQUEST panel and resubmit the request. If the library name is valid, notify the STROBE system programmer.

STR0123E GETMAIN FAILURE FOR *block* - MEASUREMENT SESSION TERMINATED

Explanation: Virtual storage is not available for the critical control block *block*.

System Action: The measurement task terminates.

User Response: Increase the region size so that STROBE can obtain the necessary virtual storage, and then resubmit the request. Contact the STROBE system programmer to obtain STROBE virtual storage requirements.

STR0125E PCMG *modname* INVALID HEADER

Explanation: STROBE detected an invalid header in PCMG module *modname*.

System Action: The measurement task terminates.

User Response: Contact Technical Support.

STR0126E PCMG *csectname* CSECT NOT FOUND

Explanation: STROBE did not find CSECT *csectname*.

System Action: STROBE continues sampling but may issue additional error messages.

User Response: Contact Compuware Technical Support.

STR0127E PCMG *cdename* CDE NOT FOUND

Explanation: STROBE did not find CDE *cdename*.

System Action: STROBE continues sampling but may issue additional error messages.

User Response: Contact Compuware Technical Support.

STR0128E PCMG *entryname* ENTRY NOT FOUND

Explanation: STROBE did not find the entry point *entryname*.

System Action: STROBE continues sampling but may issue additional error messages.

User Response: Contact Compuware Technical Support.

STR0129E STROBE MEASUREMENT MUST BE INVOKED BY THE SESSION MANAGER

Explanation: You attempted to run STRBVPH1 and attach the target program as a subtask. You cannot invoke the measurement facility directly; you must use the session manager.

System Action: STROBE does not accept the measurement request.

User Response: Resubmit the request through the STROBE session manager.

STR0134E LICENSE VERIFICATION FAILED RETURN CODE= *rc* REASON CODE= *erc* MEASUREMENT SESSION TERMINATED

Explanation: STROBE base license has expired. The return code is *rc* and the error reason code is *erc*.

System Action: STROBE does not initialize.

User Response: Refer to additional License Management System messages, and contact Compuware Technical Support.

STR0190E STROBE *abendcode* ABNORMAL TERMINATION MODULE=*modname* CSECT=*csectname* OFFSET=*offset*

Explanation: An ABEND with code *abendcode* occurred during execution of the STROBE measurement task. The message identifies the module name *modname*, control section name *csectname*, and offset *offset* (in hexadecimal notation) at the time of termination. Additional information about the ABEND appears in the sample data set.

If STROBE reports *modname* as SWDA, STROBE was unable to obtain sufficient System Diagnostic Work Area (SDWA) storage and will not report CSECT or OFFSET information.

System Action: The measurement session continues or terminates, depending on the site and severity of the error.

User Response: Notify the STROBE system programmer.

STR0199E INCOMPATIBLE MEASUREMENT SESSION MODULES - STROBE Rxxxx, *modname* Rzzzz

Explanation: STROBE attempted to load a measurement session module with a different release level from that of STRBVPH1, the initial measurement task module. The release level of

the initial measurement task module is *xxxx*, the loaded module name is *modname*, and its release level is *zzzz*.

System Action: The data collector terminates, but the measurement task continues. If the problem occurred in a measurement task module, then the measurement task terminates.

User Response: Notify the STROBE system programmer. An installation error may have occurred.

STR0200I STROBE MEASUREMENT ENDED

Explanation: The measurement session terminated normally. The sample data set is ready for reporting.

System Action: STROBE completes processing.

User Response: None required.

STR0207E GETMAIN FAILURE - MEASUREMENT SESSION TERMINATED

Explanation: A measurement task module cannot obtain sufficient storage for its work area.

System Action: The measurement task terminates.

User Response: Increase the region size and resubmit the request.

STR0208E MEASUREMENT TASK UNABLE TO ISSUE ESTAE - MEASUREMENT SESSION TERMINATED

Explanation: The measurement task is unable to establish its ABEND protection.

System Action: The measurement task terminates.

User Response: Notify the STROBE system programmer.

STR0209W LNKST SET CHANGED DURING MEASUREMENT - MODULE MAPPING/ATTRIBUTION MAY BE INCORRECT

Explanation: While measuring, STROBE detected a change in the Link List Set. The SETPROG LNKST,UPDATE,JOB=*jobname* command was issued.

System Action: STROBE continues processing but the module mapping or attribution may be inaccurate.

User Response: Resubmit the measurement request. Ensure that the SETPROG LNKST,UPDATE,JOB=*jobname* command is not issued while the measurement is active.

STR0295E MEASUREMENT TASK PRIORITY ALTERED - MEASUREMENT SESSION TERMINATED

Explanation: The STROBE measurement is no longer the highest priority task in the measured address space.

System Action: The measurement task terminates.

User Response: Resubmit the measurement request. The system will initialize it with the proper priority. If the problem occurs frequently, notify the STROBE system programmer.

STR0300I SAMPLE DATA SET *sdsname* CLOSED, *ttttt*/*eeeeee* SAMPLES TAKEN

Explanation: The sample data set *sdsname* is closed and can be used to produce a STROBE Performance Profile. *sdsname* is the low-order qualifier of the sample data set name. The data set contains *ttttt* total samples and *eeeeee* execution samples.

System Action: The measurement task completes processing.

User Response: None required.

STR0301E *sdsname* SAMPLE DATA SET OPEN FAILED

Explanation: STROBE cannot open the sample data set *sdsname*. *sdsname* is the low-order qualifier of the sample data set name. You may have insufficient storage to obtain buffers for the sample data set.

System Action: The measurement task terminates.

User Response: Modify the REGION parameter in the JCL, and resubmit the request.

STR0302E *sdsname* SAMPLE DATA SET OPEN FAILED FOR UPDATE

Explanation: STROBE cannot open the sample data set *sdsname* for update. *sdsname* is the low-order qualifier for the data set name.

System Action: STROBE continues execution of the target program. The Measurement Session Data report will be incomplete.

User Response: Notify the STROBE system programmer.

STR0303W GETMAIN FAILURE FOR CSECT TABLE - SOME ATTRIBUTION INFORMATION MAY BE LOST

Explanation: A measurement task module cannot obtain additional storage.

System Action: STROBE continues sampling, but some control section mapping detail may be lost.

User Response: Increase the region size and resubmit the request.

STR0304W *ddname* NOT AVAILABLE

Explanation: STROBE cannot open the named target program load module library whose *ddname* is *ddname*.

System Action: STROBE continues sampling normally. However, the STROBE Performance Profile produced from the measurement session will be incomplete. The Program Section Usage Summary report will show execution time data for the entire module only, not in detail for its control sections. The Program Usage by Procedure report will show only one unnamed section for the module and no procedure names.

User Response: You may have omitted or incorrectly specified the required library data definition statement. Make the appropriate corrections, and resubmit the request.

STR0305I UNABLE TO OBTAIN MODULE MAPPING DATA FOR *modname*

Explanation: STROBE attempted to gather module mapping data for a load module *modname*, and STROBE cannot find the load module in the library or libraries specified in the load module library data definition statement (for example, STEPLIB, JOBLIB), in a link list data set, or in the data set named by the STRBLIB operand.

System Action: STROBE continues sampling (unless the operating system could not locate the load module), but the STROBE Performance Profile will have the deficiencies described by message STR0304W.

The possible causes are:

- The named module is resident in a link pack area and LPALIB searches were disabled at installation.
- You incorrectly named a library in the STRBLIB operand in the ADD operation.
- The library or libraries do not contain the named module.

User Response: None required.

STR0306W LIBRARY ALLOCATION FAILED - RC=*rc*; ERC/IRC= *erc/irc*; *dsname*

Explanation: STROBE encountered a non-zero return code while attempting to allocate a load library, *dsname*, to search for control section data. The return code is *rc*, error reason code is *erc*, and the information reason code is *irc*.

System Action: STROBE cannot collect control section data from this load library.

User Response: Ensure that you have correctly specified the library name. If the name is correct, notify the STROBE system programmer.

STR0307W MODULE *modname* MAPPED SIZE UNEQUAL TO IDENTIFIED SIZE, CSECT DATA DISCARDED

Explanation: The version of module *modname* referenced for mapping was different from the version executing in the job.

System Action: STROBE deletes the erroneous mapping data and continues measuring. STROBE will produce a Performance Profile but some attribution data in the Profile may be incomplete.

User Response: Either remove the incorrect version from the library search path, or use the STRBLIB option to put the correct version at the top of the search path.

STR0308W TOO MANY LOAD LIBRARIES SPECIFIED - ONLY 16 USED

Explanation: You specified more than 16 load libraries on the STRBLIB operand.

System Action: STROBE uses only the first 16 load libraries specified.

User Response: None required.

STR0309W TWO OR MORE ATTACHES IN AN INTERVAL - TASKLIB MAY BE LOST

Explanation: The TASKLIB pointers for ATTACHES became overlaid because either the user program issued ATTACHES rapidly or STROBE used a very long sampling interval. Because STROBE only has storage to record one TASKLIB pointer for an ATTACH during a sampling interval, if multiple ATTACHES occur the latest will overlay the previous one. If an ATTACH that was overlaid specified a unique TASKLIB, reference to it will be lost. In this case some module mapping information may be missing.

System Action: STROBE continues processing, but some module mapping information may be missing.

User Response: If significant module mapping data is lost, resubmit the measurement with a shorter sampling interval. If this is not successful, you can force the identification of the missing TASKLIB by resubmitting the measurement request and specifying TASKLIB as a STRBLIB parameter.

STR0310W MODULE *modname* HAS SCATTER ATTRIBUTE

Explanation: A load module has the scatter attribute.

System Action: STROBE continues sampling normally. However, the STROBE Performance Profile produced from the measurement session will be incomplete. The Program Section Usage Summary report will show execution time data for the entire module only, not in detail for its control sections. The Program Usage by Procedure report will show only one unnamed section for the module and no procedure names.

User Response: Research whether you can relink the module without the scatter attribute. If you can, then remeasure afterwards.

STR0311I JSTCB JLB POINTS TO INVALID DCB

Explanation: A STEPLIB, JOBLIB, or TASKLIB DCB was found in other than a valid OPEN status. A sampling interval coincided with task termination.

System Action: The measurement task completes processing, although some module data may be lost.

User Response: Resubmit the measurement request. If you are measuring a batch job, increase the sample rate and resubmit the request.

STR0312E ADDRESS SPACE NOT AUTHORIZED TO CREATE SAMPLE DATASET

Explanation: This message is followed by "STR6800I DSN=dataset name". The security subsystem was queried for the authorization level for this name. The level returned would not permit creation of a sample data set with this name.

System Action: The measurement task terminates.

User Response: Either change the STROBE parameters defining how the sample dataset name is generated to adhere to installation conventions, or modify security subsystem rules to allow authorization for the newly defined STROBE convention.

STR0313W ADDRESS SPACE NOT AUTHORIZED TO READ LIBRARY

Explanation: This message is followed by "STR6800I DSN=dataset name". The security subsystem was queried for the authorization level for this name. The level returned would not permit reading of a load module library with this name. The library is removed from the module mapping library search list.

System Action: STROBE continues sampling, but module mapping data may be missing for some modules.

User Response: Modify security subsystem rules to authorize read access to the library.

STR0314W DATASPACE ALLOCATION FAILURE-- LONGNAMES WILL NOT BE REPORTED

Explanation: An error occurred during the allocation of the long names dataspace.

System Action: STROBE continues measuring without measuring modules with names exceeding eight characters.

User Response: Notify the STROBE system programmer.

STR0320E OPEN/CLOSE TIME EXCEEDED

Explanation: The STROBE sample data set open or close processing did not complete within the expected CPU time.

System Action: The measurement task stops sampling and terminates with a user ABEND code of 322. The Measurement Session Data report will be incomplete.

User Response: Notify the STROBE system programmer.

STR0330E message

Explanation: The CA-Panexec interface had difficulty processing a STROBE request. The message displayed is returned by the CA-Panexec interface program.

System Action: STROBE continues sampling, but module mapping data may be missing for some modules.

User Response: Notify the STROBE system programmer.

STR0340W PANXACCS INTERFACE MODULE NOT AVAILABLE

Explanation: The STROBE CA-Panexec Feature is installed but STROBE cannot find the interface module named PANXACCS, which is supplied by the CA- Panexec vendor. This message is accompanied by a system 806-4 ABEND message, but STROBE does not terminate abnormally.

System Action: STROBE continues sampling, but module mapping data may be missing for some modules.

User Response: Notify the STROBE system programmer.

STR0341W PANXACCS INTERFACE ERROR-- SAVE LOG AND SAMPLE FILE-- CONTACT CUSTOMER SUPPORT

Explanation: STROBE encountered an error in the STROBE CA-Panexec interface.

System Action: STROBE logs the problem in the sample data set, corrects the error, and continues sampling.

User Response: Save a copy of the sample data set and the STROBE log, and contact Compuware Technical Support.

STR0342W BINDER MESSAGE: text

Explanation: STROBE displays *text*, the Binder API error message.

System Action: STROBE continues sampling, but module mapping may be incomplete.

User Response: Refer to IBM's *MVS System Messages* manual for information on the message issued by the binder.

STR0343C FROM BINDER API: FUNCTION=*fnct* RC=*rc* RSN=*rsnc*

Explanation: The binder experienced a failure. The binder function that failed is *fnct*, the return code is *rc*, and the reason code from the binder is *rsnc*.

System Action: STROBE continues sampling, but module mapping may be incomplete.

User Response: Notify the STROBE system programmer. Refer to IBM's *DFSMS/MVS Program Management* manual for the binder API return codes and reason codes.

STR0344C ACTIVE DEVICE TABLE CORRUPTED

Explanation: STROBE detected an error in the Active Device Table.

System Action: STROBE will not report DASD model type, VTOC location, and cache status.

User Response: Save a copy of the sample data set and the STROBE log, and then contact Compuware Technical Support.

STR0345W GETMAIN FAILED FOR THE CACHE I/O AREA - CACHE STATUS WILL NOT BE REPORTED

Explanation: STROBE cannot obtain enough virtual storage in ESQA (subpool 245).

System Action: STROBE continues sampling, but will not report cache status on the Data Set Characteristics Supplement.

User Response: Notify the STROBE system programmer.

STR0346W FREEMAIN FAILED FOR THE CACHE I/O AREA, STORAGE ADDRESS *addr*

Explanation: The FREEMAIN failed for the cache I/O area in ESQA (subpool 245), beginning at address *addr*.

System Action: The measurement task terminates.

User Response: Save a copy of the sample data set and the STROBE log. Notify the STROBE system programmer.

STR0347W FREEMAIN FAILED FOR AN ACTIVE UCB TABLE SEGMENT, STORAGE ADDRESS *addr*

Explanation: The FREEMAIN failed for a segment of the Active UCB table, beginning at address *addr*.

System Action: The measurement task terminates.

User Response: Save a copy of the sample data set and the STROBE log, and then contact Compuware Technical Support.

STR0348W DEVICE NUMBER MISMATCH FOR DEVICE *nnnn*

Explanation: During measurement, an I/O configuration change caused a UCB address to be reassigned to another device.

System Action: STROBE will not report DASD model type, VTOC location, or cache status for device *nnnn*.

User Response: Save a copy of the sample data set and STROBE log. Notify the STROBE system programmer.

STR0349W I/O ERROR CODE *ec* OBTAINING CACHE STATUS FOR DEVICE *nnnn*

Explanation: STROBE encountered an I/O error with error code *ec* while attempting to obtain cache status for device *nnnn*.

System Action: STROBE will not report cache status for the device.

User Response: Save a copy of the sample data set and the STROBE log. Notify the STROBE system programmer.

STR0350E GETMAIN FAILED FOR STRVPH3 WORKAREA

Explanation: A critical measurement task failed to obtain sufficient storage for its initialization.

System Action: The measurement task terminates.

User Response: Increase the region size and resubmit the request.

STR0351E RECURSIVE ENTRY TO STRVPH3 INIT

Explanation: A fatal control error occurred in a measurement task module.

System Action: The measurement task terminates.

User Response: Notify the STROBE system programmer.

STR0354W STROBE DETECTS EXECUTION WITHIN GOFF MODULE *module* CONTAINING LONG NAME SECTIONS

Explanation: STROBE encountered a Generalized Object File Format (GOFF) module that contains sections with long names.

System Action: For GOFF modules with section names that are greater than 8 characters in length, STROBE reports execution information under the pseudo-section name #LONG nnn , where nnn is a sequence number that STROBE resets to 1 within each new module.

STROBE may report information under the #LONG nnn pseudo-section on any of the following STROBE Performance Profile reports: the Program Usage by Procedure, the Wait Time by Module, the Most Intensively Executed Procedures, the Most Extensive Inactive Storage Areas, the Program Section Usage Summary, the Program Usage by Procedure, the Transaction Usage by Control Section, the Attribution of CPU Wait Time, and the Attribution of CPU Execution Time.

User Response: None required. To identify the names of the GOFF module sections reported under the pseudo-section #LONG nnn , note the offsets that STROBE reports and use a linkage editor map of the module to determine the section name.

STR0355W STROBE ENCOUNTERED RTLS MODULE(S)

Explanation: STROBE encountered a language attribution module loaded by Run Time Library Services (RTLS).

System Action: STROBE continues sampling; however, attribution data for that module may be missing or incorrect.

User Response: Specify the Run Time Language Library on a STROBLIB parameter and rerun the measurement session. Although STROBE will still issue this message, once the Run Time Language Library is specified on a STROBLIB parameter, the attribution data reported will be correct.

STR0356W THRESHOLDS DISABLED - MORE THAN 12 SAMPLING INTERVALS ENCOUNTERED

Explanation: STROBE has been sampling for more than 12 sampling intervals, actively sampling for more than 34 hours.

System Action: STROBE continues processing, but all thresholds are disabled.

User Response: Reduce sampling time and resubmit the request.

STR0358I MODULE CALLABLE SERVICE *service* FAILED, RC= rc , RSNC= $rsnc$

Explanation: The UNIX System Services Callable Service service did not return a full path name.

System Action: STROBE continues processing without completing your request.

User Response: None required.

STR0359W SMF RECORDING FOR TYPE 92 RECORDS IS NOT ACTIVE, NO USS FILE SYSTEM I/O COUNTS WILL BE REPORTED

Explanation: STROBE does not report I/O counts for OS/390 UNIX System Services Hierarchical File System (HFS) or z/FS files because the SMF recording for Type 92 records is not active.

System Action: HFS and z/FS I/O counts are not reported on the Data Set Characteristics report.

User Response: To report I/O counts for HFS or z/FS files, modify a user-exit module in the STROBE control data set. See Appendix A of the *STROBE MVS System Programmer's Guide* for an example of a user-exit module.

STR0401W GETMAIN FAILURE - I/O INFORMATION WILL NOT BE REPORTED

Explanation: A measurement task module cannot obtain sufficient storage for its work area.

System Action: STROBE continues sampling, but there are no I/O reports in the Performance Profile; or if produced, the reports contain minimal information.

User Response: Increase the region size and resubmit the request.

STR0402W GETMAIN FAILURE - SOME DATA SETS MAY NOT BE MAPPED

Explanation: STROBE cannot obtain enough virtual storage for an internal table.

System Action: STROBE continues sampling, but the I/O reports in the STROBE Performance Profile do not contain information about data sets residing on some units.

User Response: Increase the region size and resubmit the request.

STR0403W GETMAIN FAILURE - DATA SET CHARACTERISTICS MAY BE MISSING

Explanation: STROBE cannot obtain enough virtual storage for an extension to its internal data set table.

System Action: STROBE continues sampling but may not collect data set characteristics for some data sets active during the measurement session.

User Response: Increase the region size and resubmit the request.

STR0404E STRBVIO FAILURE - DATA SET CHARACTERISTICS MAY BE MISSING

Explanation: A measurement task module has encountered a fatal error.

System Action: STROBE continues sampling but stops taking I/O samples.

User Response: Notify the STROBE system programmer.

STR0405W GETMAIN FAILURE - LSR STATISTICS WILL BE MISSING OR INCOMPLETE

Explanation: The measurement task module STRBLSRS cannot obtain sufficient storage for its work area or its internal tables.

System Action: STROBE disabled STRBLSRS. STROBE continues sampling but no longer collects LSR statistical information during this measurement session.

User Response: The next time you submit this request, increase the region size.

STR0406W STRBLSRS DISABLED, EXCEEDED MAX GETMAINS

Explanation: An internal error occurred in the measurement task module STRBLSRS.

System Action: STROBE disabled STRBLSRS. Sampling continues, but STROBE will no longer collect LSR statistical information during this measurement session.

User Response: Notify the STROBE system programmer.

STR0407W STRBLSRS DISABLED, INTERNAL ERROR *error*

Explanation: An internal error occurred in the measurement task module STRBLSRS; *error* is an internal code.

System Action: STROBE disables STRBLSRS. Sampling continues, but STROBE no longer collects LSR statistical information during this measurement session.

User Response: Notify the STROBE system programmer.

STR0408W GETMAIN FAILURE FOR THE ACTIVE DEVICE TABLE

Explanation: STROBE cannot obtain enough virtual storage for an internal table.

System Action: STROBE continues sampling, but does not report DASD model type, VTOC location, and cache status.

User Response: Increase the region size and resubmit the request.

STR0409W LOAD FAILED FOR MODULE *module* ABEND CODE=*Sxxx-xx*

Explanation: STROBE invoked an MVS service to load a module, but the load request failed. *Sxxx-xx* is the abend and reason code associated with the failed load.

System Action: STROBE continues processing, but there may be some loss of function.

User Response: Notify the STROBE system programmer.

STR0410E *module* FAILURE *text*

Explanation: A STROBE module encountered an error. The message *text* names the STROBE module and provides information about the failure.

System Action: STROBE continues processing, but there may be some loss of function.

User Response: Notify the STROBE system programmer.

STR0411E GETMAIN FAILURE IN *module* FOR *reason*

Explanation: A STROBE module invoked a MVS routine to obtain storage, but the storage request failed. The message text names the STROBE module and indicates the reason for the storage request.

System Action: STROBE continues processing, but there may be some loss of function.

User Response: Notify the STROBE system programmer.

STR0412E MODULE FUNCTION FAILED RC *xxxx* RSNC *xxxxx*

Explanation: STROBE unsuccessfully invoked an MVS function. The message text names the STROBE module and the function that was invoked. RC *xxxx* is the return code and RSNC *xxxxx* is the reason code returned by the function.

System Action: STROBE continues processing, but there may be some loss of function.

User Response: Notify the STROBE system programmer.

STR0413W MODULE FUNCTION FAILED, RC=*rc*

Explanation: The specified function failed with the return code of *rc*.

System Action: STROBE continues processing.

User Response: Notify the STROBE system programmer.

STR0414W STORAGE OBTAIN FAILED FOR *storarea*

Explanation: A STORAGE OBTAIN for the area specified by *storarea* failed.

System Action: STROBE continues processing.

User Response: Notify the STROBE system programmer.

STR0501E I/O ERROR DURING UPDATE OF SAMPLE DATA SET

Explanation: STROBE encountered a permanent I/O error while updating the first record in a sample data set. This message follows message STR0507W, which contains the standard SYNAD messages returned by the operating system.

System Action: STROBE continues execution of the target program but collects no further samples. The Measurement Session Data report is incomplete.

User Response: Notify the STROBE system programmer. There has probably been a hardware error.

STR0502W I/O ERROR READING LOAD LIBRARY

Explanation: STROBE encountered an I/O error while accessing a module from a load module library. This message follows message STR0507W, which contains the standard SYNAD messages returned by the operating system. The SYNAD messages identify the partitioned data set causing the error.

System Action: STROBE continues sampling (unless the operating system has been unable to locate the load module), but the STROBE Performance Profile produced from the measurement session is incomplete.

The Program Section Usage Summary report shows execution time data for the entire module only, not in detail for its control sections, and the Program Usage by Procedure report shows only one unnamed section for the module and no procedure names.

User Response: Notify the STROBE system programmer. There has probably been a hardware error.

STR0503E OUT OF SPACE ON SAMPLE DATA SET

Explanation: No more space is available in the sample data set. The message precedes message STR0505E, which displays the ABEND and return codes.

Your target sample size may be too high. Generally, a target size of 8000 to 32000 is adequate. If you want to retain the sample size, you need a larger sample data set.

System Action: STROBE continues execution of the target program, but collects no further samples. The Measurement Session Data report is incomplete. In addition, reports will not include module mapping data.

User Response: You can allocate a larger sample data set before the measurement session begins. The name of the sample data set must correspond to the name that STROBE creates. See “Using STROBE/ISPF” in the *STROBE MVS User's Guide* for additional information.

STR0504E I/O ERROR WRITING TO SAMPLE DATA SET

Explanation: STROBE encountered a permanent I/O error while writing to a sample data set. This message follows message STR0507W, which contains the standard SYNAD messages returned by the operating system.

System Action: STROBE continues execution of the target program but collects no further samples.

User Response: Notify the STROBE system programmer. There has probably been a hardware error.

STR0505E ABEND WHILE PROCESSING SAMPLE DATA SET - COMPLETION CODE=*abendcode*, RETURN CODE=*rc*

Explanation: STROBE encountered an ABEND while opening, writing to, or closing a sample data set. The ABEND code is *abendcode*, and the return code is *rc*.

System Action: STROBE continues execution of the target program but collects no further samples. STROBE may produce a Performance Profile, but some reports will be incomplete.

User Response: Notify the STROBE system programmer.

STR0506E WRITE ATTEMPTED TO CLOSED SAMPLE FILE

Explanation: The measurement task attempted to write to a closed sample data set.

System Action: The measurement task terminates.

User Response: Notify the STROBE system programmer.

STR0507W I/O ERROR *synad* messages

Explanation: STROBE encountered a permanent I/O error. This message contains the standard SYNAD messages *synad* returned by the operating system, and it is followed by messages *messages* describing the I/O error.

System Action: The measurement task terminates.

User Response: Notify the STROBE system programmer.

STR0508W ABEND WHILE READING LOAD LIBRARY - COMPLETE CODE= *abendcode*, RETURN CODE=*rc*

Explanation: STROBE encountered an ABEND while opening, reading, or closing a load library data set. The ABEND code is *abendcode*, the return code is *rc*.

System Action: STROBE continues sampling, but obtains no further mapping data from the failing library. STROBE will produce a Performance Profile, but some reports may be incomplete.

User Response: Notify the STROBE system programmer.

STR0509W DATASPACE API INITIALIZATION FAILED -- FUNCTION DISABLED, RC=*rrr*, ERC=*erc*

Explanation: An error occurred during the initialization of the Dataspace Manager API.

System Action: STROBE continues sampling without Dataspace Manager functions.

User Response: Notify the STROBE system programmer.

STR0510W DATASPACE API DEALLOCATION FAILURE; RC=*rrr*; ERC=*erc*

Explanation: An error occurred during the termination of the Dataspace Manager API.

System Action: STROBE continues terminating Dataspace Manager API.

User Response: Notify the STROBE system programmer.

STR0540W GETMAIN FAILURE IN STRBSNAP - DIAGNOSTIC SNAPPING DISABLED

Explanation: A GETMAIN failure occurred when a measurement task module tried to obtain storage for a work area.

System Action: STROBE continues sampling, but the measurement task cannot use the diagnostic SNAP feature.

User Response: Notify the STROBE system programmer.

STR0550W STRBGMIM: USER TCB NOT AVAILABLE FOR CAPTURE

Explanation: STROBE could not complete an internal request to capture user data because STROBE could not find the user target task control block (TCB).

System Action: STROBE continues measuring but does not capture the additional user data.

User Response: Resubmit the measurement request. If the problem persists, contact Compuware Technical Support.

STR0551W STRBGMIM: STORAGE REQUEST FAILED FOR CB *block*

Explanation: A STROBE internal storage request for control block *block* failed.

System Action: STROBE continues measuring but does not capture the additional user data.

User Response: Resubmit the measurement request. If the problem persists, contact Compuware Technical Support.

STR0552W STRBGMIM: AITE NOT FOUND FOR *fnctname* REQUEST

Explanation: STROBE could not locate the active table element for function *fnctname* requested by STROBE internal request REMOVE or FREESTOR.

System Action: STROBE continues measuring but does not execute the requested function.

User Response: Contact Compuware Technical Support.

STR0553W STRBGMIM: CAPTURE PROCESSING FAILED DURING VECTOR SWAP

Explanation: A STROBE internal request to insert a capture routine failed.

System Action: STROBE continues measuring, but does not enable the capture routine.

User Response: Contact Compuware Technical Support.

STR0554W STRBGMIM: CAPTURE VECTOR ADDRESS IS INVALID. NOT IN PRIVATE STORAGE

Explanation: STROBE made an internal request for a capture routine with an invalid address not in private storage.

System Action: STROBE continues measuring, but does not enable the capture routine.

User Response: Contact Compuware Technical Support.

STR0555W STRBGMIM: CAPTURE PROCESSING FAILED. MULTIPLE CAPTURES FOR SAME ADDRESS

Explanation: STROBE made an internal request for a capture routine with a vector address that had previously been processed.

System Action: STROBE continues measuring but does not enable the capture routine.

User Response: Contact Compuware Technical Support.

STR0556W STRBGMIM: CAPTURE PROCESSING FAILED. CAPTURE FACILITY DISABLED

Explanation: A STROBE internal request for a capture routine failed because the facility was disabled.

System Action: STROBE continues measuring with the capture routine disabled.

User Response: None required.

STR0601W DATA COLLECTOR *modname* NOT IN PROPER FORMAT - {NOT A STROBE MODULE | HAS NO PROGRAM LIST | DOESN'T SUPPORT PROGRAM} - NOT USED

Explanation: The data collector *modname* does not meet the requirements specified in the STROBE Interface Feature.

System Action: STROBE continues sampling without the data collector.

User Response: Revise the data collector to meet STROBE Interface Feature standards and resubmit the request.

STR0602W DATA COLLECTOR *modname* NOT FOUND - OPERAND IGNORED

Explanation: STROBE cannot find the data collector *modname*.

System Action: STROBE continues sampling without the data collector.

User Response: Place the data collector in a link list data set or in the library named by the DCCLIB operand and resubmit the request.

STR0603W DATA COLLECTOR *modname* RETURN CODE = *rc* - ROUTINE DISABLED

Explanation: The data collector *modname* returned a return code, *rc*, greater than or equal to 16 (severe error).

System Action: STROBE continues sampling without the data collector.

User Response: Notify the STROBE system programmer.

STR0604W DATA COLLECTOR *modname* ABENDED - ROUTINE DISABLED

Explanation: The data collector *modname* terminated abnormally. This message appears with other messages that provide detailed information about the ABEND.

System Action: STROBE continues sampling without the data collector.

User Response: Notify the STROBE system programmer.

STR0605W GETMAIN FAILURE - SOME MODULES MAY NOT BE MAPPED

Explanation: STROBE cannot obtain sufficient storage for an extension to its internal module table.

System Action: STROBE continues sampling without mapping information for some modules.

User Response: Increase the region size and resubmit the request.

STR0606W DATA COLLECTION DRIVER STRBVDCC ABENDED - DC INTERFACE DISABLED

Explanation: The Data Collection Interface Driver terminated abnormally. This message appears with other messages that provide detailed information about the ABEND.

System Action: STROBE continues sampling without subsystem or attribution data.

User Response: Notify the STROBE system programmer.

STR0607W DATA COLLECTION INTERFACE CALLED WITH INVALID FUNCTION CODE (*ftcode*)

Explanation: The data collection interface was called with an invalid function code *ftcode*.

System Action: STROBE continues sampling without some subsystem or attribution data.

User Response: Examine all user-written data collectors, and then notify the STROBE system programmer.

STR0608W DATA COLLECTION INTERFACE CALLED WITH NO PARAMETER LIST

Explanation: The data collection interface was called with no parameter list pointer.

System Action: STROBE continues sampling without some subsystem or attribution data.

User Response: Notify the STROBE system programmer.

STR0609W DATA COLLECTION INTERFACE INVOKED BY UNKNOWN CALLER

Explanation: The data collection interface was called by a program not recognized by STROBE.

System Action: STROBE continues sampling without some subsystem or attribution data.

User Response: Notify the STROBE system programmer.

STR0610W GETMAIN FAILURE IN STRBVDCC FOR *block* - DC INTERFACE DISABLED

Explanation: Virtual storage is not available for the control block described by *block*.

System Action: STROBE continues sampling without some subsystem or attribution data.

User Response: Increase the region size so that STROBE can obtain the necessary virtual storage, and then resubmit the request. Contact the STROBE system programmer to obtain STROBE virtual storage requirements.

STR0611W GETMAIN REFUSED IN STRBVDCC FOR *block* - DC INTERFACE DISABLED

Explanation: STROBE made excessive requests for virtual storage for the control block described by *block*.

System Action: STROBE continues sampling without some subsystem or attribution data.

User Response: Notify the STROBE system programmer.

STR0612W GETMAIN FAILURE IN STRBVDCC FOR VDCCWORK AREA

Explanation: Virtual storage is not available for the VDCCWORK AREA.

System Action: STROBE continues sampling without any subsystem or attribution data.

User Response: Increase the region size so that STROBE can obtain the necessary virtual storage, and then resubmit the request. Contact the STROBE system programmer to obtain STROBE virtual storage requirements.

STR0613W DATA COLLECTOR *datacollector* IGNORED - STROBE INTERFACE FEATURE NOT LICENSED

Explanation: You attempted to use the STROBE Interface Feature, but your site has not licensed this feature.

System Action: STROBE will not invoke the user-written data collector *datacollector*.

User Response: To obtain information about licensing the STROBE Interface Feature, contact Compuware Technical Support.

STR0614E ERROR IN DATASPACE API FUNCTION *xx* FOR DATASPACE *yy* (KEY *zz*)

Explanation: An error occurred in the dataspace manager API. *xx* is the function requested. *yy* is the name of the dataspace. *zz* is the key of the entry.

System Action: The variable returned depends on the caller of the API.

User Response: Notify the STROBE system programmer.

STR0630E GETMAIN FAILURE IN *modname* - MODULE IDENTIFICATION DISABLED

Explanation: STROBE cannot obtain virtual storage for an extension to its internal module table in module *modname*.

System Action: STROBE continues sampling without default module identification information. If the module was identified by a data collector, the Performance Profile contains module mapping information for that module. Otherwise, STROBE attributes module activity to a pseudo-section, resulting in excessive values for all pseudo-sections.

User Response: Increase the region size and resubmit the request.

STR0631W BATCHPIPE WAIT DETECTED, FILE CANNOT BE IDENTIFIED

Explanation: STROBE identified BatchPipe wait but is unable to assign this wait to a specific file.

System Action: STROBE continues processing but information for BatchPipes files in the Performance Profile will be incomplete

User Response: Check that you have performed the procedure required to collect BatchPipes information that is detailed in the *STROBE MVS System Programmer's Guide*. If you have performed the procedure and the problem persists, contact Compuware Technical Support.

STR0632E BATCHPIPE CONTROL BLOCK ERROR, *block*

Explanation: STROBE detected BatchPipes wait, but due to an internal control block change, STROBE cannot assign wait to a specific file. STROBE identifies the control block in *block*.

System Action: STROBE continues processing but the information for BatchPipes files in the Performance Profile will be incomplete.

User Response: Contact Compuware Technical Support.

STR0633W MODULE *cbid* CONTROL BLOCK ERROR DURING USS FILE SYSTEM PROCESSING

Explanation: STROBE encountered a control block error for *cbid* while attempting to identify a Hierarchical File System (HFS) file or z/FS file.

System Action: STROBE does not identify the HFS or z/FS file. STROBE continues processing.

User Response: Contact Compuware Technical Support

STR0634W MODULE *nn* CONTROL BLOCK ERRORS, USS FILE SYSTEM DATA COLLECTION IS SUSPENDED

Explanation: STROBE encountered *nn* control block errors during HFS or z/FS file identification.

System Action: STROBE suspends the HFS or z/FS data collection interface.

User Response: Contact Compuware Technical Support.

STR0701W GETMAIN FAILURE IN STRBATTR - ATTRIBUTION DATA COLLECTION DISABLED

Explanation: STROBE cannot obtain virtual storage for a work area.

System Action: STROBE continues sampling without attribution data.

User Response: Increase the region size and resubmit the request. Notify the STROBE system programmer.

STR0702W ATTRIBUTOR *modname* NOT FOUND - UNABLE TO COLLECT REQUESTED ATTRIBUTION DATA

Explanation: STROBE cannot find the requested attributor *modname*.

System Action: STROBE continues sampling without some attribution data.

User Response: Notify the STROBE system programmer.

STR0703W ATTRIBUTOR *modname* RETURN CODE = *rc* - ROUTINE DISABLED

Explanation: The attributor *modname* returned a return code, *rc*, greater than or equal to 16 (severe error).

System Action: STROBE continues sampling without the attributor.

User Response: Notify the STROBE system programmer.

STR0704W ATTRIBUTOR *modname* ABENDED - ROUTINE DISABLED

Explanation: The attributor name *modname* terminated abnormally.

System Action: STROBE continues sampling without the attributor.

User Response: Notify the STROBE system programmer.

STR0705W ATTRIBUTION DRIVER STRBATTR ABENDED - ATTRIBUTION DISABLED

Explanation: The attribution driver terminated abnormally.

System Action: STROBE continues sampling without attribution data.

User Response: Notify the STROBE system programmer.

STR0707I STRBXDS1 - CALLABLE SERVICE IXLMG FAILED, RC = *rc*, RSNC = *rsnc*

Explanation: The coupling facility service, IXLMG, failed. This service is not required for STROBE measurement. STROBE writes the message to the STROBE log.

System Action: STROBE continues processing, but may not collect the coupling facility service information.

User Response: None required.

STR0708I STROBE MEASUREMENT SERVICES *release* CALLED FROM STRT TSK *jobname* AT time, SYSTEM = *system*

Explanation: The Measurement Services Address Space (MSAS), which includes AutoSTROBE, has successfully been initialized.

System Action: Session manager successfully started the Measurement Services Address Space (MSAS).

User Response: None required.

STR0709I STROBE MEASUREMENT SERVICES *release* COMPLETED for STRT TSK *jobname* RC=*nn*, SYSTEM = *system*

Explanation: The Measurement Services Address Space (MSAS) address space, which includes AutoSTROBE, has terminated.

System Action: The Measurement Services Address Space (MSAS) terminated due to an operator command or because of an error.

User Response: None if required the return code = 0. If the return code is not zero, report the problem to the system programmer. This message can also appear on the operator's console.

STR0712I STROBE MEASUREMENT SERVICES *jobname* NOT STARTED - ISSUE A SESSION MANAGER MODIFY/START COMMAND

Explanation: The Measurement Services Address Space (MSAS), which includes AutoSTROBE, was not started and the message was sent to the operator's console.

System Action: The Measurement Services Address Space (MSAS) does not start and AutoSTROBE is inoperative.

User Response: Issue an MVS MODIFY for the session manager to initiate the Measurement Services Address Space (MSAS)

STR0713I STROBE MEASUREMENT SERVICES LICENSE VERIFICATION FAILED. RETURN CODE = *nn* REASON CODE = *nnn* -BASE/ASM

Explanation: The Measurement Services Address Space (MSAS) was not started because a license verification error occurred when validating the license for the v base product or the Advanced Session Management Feature.

System Action: The Measurement Services Address Space (MSAS), which includes AutoSTROBE, was not initialized.

User Response: Report the problem to the STROBE system programmer.

STR0714E MSAS NOT INITIALIZED, MODULE VERSION CHARACTER MUST BE "v"

Explanation: The version character (the fourth character of the name of the MSAS load module (STRxMSAS) is not the same of the as the version character of the load module of the session manager that attempted to create this MSAS. The session manager's version character is specified in the message.

System Action: The MSAS started task cannot be initialized and terminates. The session manager which attempted to start the MSAS started task also terminates because its associated MSAS cannot be initialized.

User Response: Notify the STROBE system programmer and ensure that the names of all of the STROBE load modules for this version of STROBE have the same version character. Be sure that the PROC for the MSAS started task specifies the correct MSAS load module name. (There must be a one-to-one correspondence between the session manager and the MSAS started tasks, as determined by the version character in the fourth position of the load module names executed with the process for the two started tasks.)

STR0715I STROBE MEASUREMENT SERVICES *release* STOP COMMAND RECEIVED FROM CONSOLE *console id*

Explanation: The operator issued an MVS STOP command to stop the Measurement Services Address Space (MSAS).

System Action: The Measurement Services Address Space (MSAS), which includes AutoSTROBE, has terminated.

User Response: None required. The address space can be restarted via an MVS MODIFY command to the session manager. This message can also appear on the operator's console.

STR0716W 64-BIT FORMATTED SAVE AREA ENCOUNTERED, ATTRIBUTION MAY BE INCOMPLETE

Explanation: During attribution, STROBE encountered an AMODE 64-bit program using 64-bit formatted save areas.

System Action: Attribution for the current sample terminates. Measurement continues.

User Response: None required.

Messages Returned by the STROBE Indexer Programs

The STROBE Indexer programs return the following messages.

STR1104W COMPILER LISTING NOT IN EXPECTED FORMAT - CONTINUING

Explanation: The Indexer cannot successfully process the compiler listing data set because it cannot find some of the listing data.

System Action: The STROBE Indexer lists on SYSPRINT, the system printer output file, an edited display of the map data set to the point of the error. It then continues by searching for another program. The Indexer produces an incomplete map data set. Procedure names may not appear in the STROBE Performance Profile.

User Response: Ensure that the compiler is supported by the Indexer in use and that the compilation options required for indexing are in effect.

STR1105W CSECT LENGTH NOT FOUND

Explanation: The IEF Indexer cannot calculate the length of the load module.

System Action: The IEF Indexer will continue processing, but the map data set created is not valid.

User Response: Ensure that the compiler source listing used as input to the Indexer is for a Composer-generated application. If it is, notify the STROBE system programmer.

STR1107W UNKNOWN RECORD TYPE FOUND IN MAP FILE

Explanation: The IEF Indexer encountered an unknown record type while creating the map data set.

System Action: The IEF Indexer will continue processing, but the map data set produced for this source listing is not valid.

User Response: Contact Compuware Technical Support.

STR1108E COMPILER LISTING NOT IN EXPECTED FORMAT - MAP DATA SET EMPTY [text]

Explanation: The Indexer cannot successfully process the compiler listing data set because it cannot find some data that it requires, such as the program name or the procedure code listing. If this message was produced by the C Indexer, one of the following statements appears in *text*:

- BEGINNING OF OBJECT MISSING—the C Indexer could not find the beginning of the object listing.
- COMPILE UNIT BLOCK INCOMPLETE—the C Indexer could not find all the information required to complete the literal or compile unit block.
- COMPILE UNIT BLOCK OR PROLOG NOT FIRST—the C Indexer did not find a compile unit block or prolog at the beginning of the data set.
- END LITERAL MISSING—the C Indexer could not find all the information needed to complete a literal record.
- END OF COMMENT NOT FOUND—the C Indexer could not find the end of a comment.
- END OF COMPILATION NOT FOUND—the C Indexer did not find the end of the compiled listing.
- END OF OBJECT LISTING MISSING—the C Indexer could not find the end of the object listing.

- EPILOG RECORD INCOMPLETE—the C Indexer could not find all the information necessary to complete the epilog record. (The epilog is compiler-generated code that follows the program and handles standard linkage.)
- EXTERNAL SYMBOL TABLE NOT FOUND—the C Indexer could not find the SAS/C symbol dictionary.
- *fnctname* FUNCTION NOT FOUND—the C Indexer could not find the SAS/C function *fnctname*.
- NAME IN PROCEDURE INCOMPLETE—the C Indexer could not find all the information needed to complete a procedure name.
- PROCEDURE RECORD INCOMPLETE—the C Indexer could not find all the information needed to complete the procedure record.
- PROLOG RECORD INCOMPLETE—the C Indexer could not find all the information necessary to complete the prolog record. (The prolog is compiler-generated code that precedes the program and handles standard linkage.)
- START DEFINITION NOT FOUND—the SAS/C Indexer could not find a start definition (SD).
- START OR PRIVATE DEFINITION NOT FOUND—the C Indexer could not find a start definition (SD) or private definition (PD).

System Action: The Indexer produces a null map data set. Procedure names will not appear in the STROBE Performance Profile.

User Response: Ensure that the compiler is supported by the Indexer in use and that the compilation options required for indexing are in effect.

STR1109W IEF MAP FILE HEADER RECORD MISMATCH

Explanation: The IEF Indexer encountered an error while processing the source listing file.

System Action: The IEF Indexer continues processing, but the map data set produced for this source listing is not valid.

User Response: Contact Compuware Technical Support.

STR1110E GETMAIN FAILURE IN *modname* [RC=*rc*] - TERMINATING

Explanation: STROBE cannot obtain enough storage for the work area for module *modname*. The return code, if given, is *rc*.

System Action: The Indexer terminates and produces an empty map data set.

User Response: Increase the region size and resubmit the request. Notify the STROBE system programmer.

STR1111W MORE THAN 100 LISTING FILES

Explanation: The IEF Indexer exceeded its maximum input of 100 source listing files.

System Action: The IEF Indexer will produce valid map data sets for the first 100 source listing files and then terminate normally.

User Response: Run the IEF Indexer with the source listing files that exceeded the maximum of 100, for which the Indexer has not yet created map data sets.

STR1112S COMPILER LISTING NOT IN EXPECTED FORMAT - TERMINATING [*text*]

Explanation: The Indexer cannot successfully process the compiler listing data set. If the C Indexer or CSP Indexer produced this message, one of the following statements appears in *text*:

- BEGINNING OF OBJECT MISSING—the C Indexer could not find the beginning of the object listing.
- COMPILE UNIT BLOCK OR PROLOG NOT FIRST—the C Indexer did not find a compile unit block or prolog at the beginning of the data set.
- END LITERAL MISSING—the C Indexer could not find all the information needed to complete a literal record.
- END OF COMMENT NOT FOUND—the C Indexer did not find the end of a comment.
- END OF COMPILATION NOT FOUND—the C Indexer did not find the end of the compiled listing.
- END OF OBJECT LISTING MISSING—the C Indexer could not find the end of the object listing.
- EPILOG RECORD INCOMPLETE—the C Indexer could not find all the information necessary to complete the epilog record. (The epilog is compiler-generated code that follows the program and handles standard linkage.)

- ERROR WHILE PROCESSING NAME IN PROCEDURE—the C Indexer encountered an end-of-program statement while processing detail records.
- EXTERNAL SYMBOL TABLE NOT FOUND—the C Indexer could not find the SAS/C symbol dictionary.
- *fnctname* FUNCTION NOT FOUND—the C Indexer could not find the SAS/C function *fnctname*.
- LITERAL OR COMPILE UNIT BLOCK INCOMPLETE—the C Indexer could not find all the information required to complete the literal or compile unit block.
- NAME IN PROCEDURE INCOMPLETE—the C Indexer could not find all the information needed to complete a procedure name.
- PROCEDURE RECORD INCOMPLETE—the C Indexer could not find all the information needed to complete the procedure record.
- SOURCE STATEMENT LINE NOT FOUND—the C Indexer did not find a source statement following the prolog. (The prolog is compiler-generated code that precedes the program and handles standard linkage.)
- START DEFINITION NOT FOUND—the SAS/C Indexer could not find a start definition (SD).
- START OR PRIVATE DEFINITION NOT FOUND—the C Indexer could not find a start definition (SD) or private definition (PD).
- COMMLVL=3 CSP OPTION WAS NOT SPECIFIED—the CSP Indexer could not find COMMLVL=3. It was not specified when the CSP application was generated.

System Action: The Indexer lists on SYSPRINT an edited display of the map data set to the point of error and terminates. The map data set will affect the STROBE Performance Profile in an unpredictable manner.

User Response: Ensure that the compiler is one supported by the Indexer in use and that the compilation options for indexing are in effect.

STR1113S {OPEN|CLOSE} ERROR ON {DDNAME *ddname*|STRMAP|SYSPRINT|LISTING}

Explanation: The Indexer encountered an I/O error on DDNAME *ddname*, the map data set STRMAP, the output report data set SYSPRINT, or the input data set LISTING.

System Action: If the error is for the map data set or STRMAP, the Indexer terminates and does not produce a map data set. Otherwise, the Indexer produces an empty map data set.

User Response: Verify the data definition statement or the data set name. If it is correct, notify the STROBE system programmer.

STR1114W IEF LISTING NOT IN EXPECTED FORMAT RC=*rc*

Explanation: The IEF Indexer detected an error in one of the source listing files. The return code, *rc*, can have the following values indicating that the Indexer failed to locate:

- 4 - the literal PROGRAM-ID
- 8 - the literal TEXAS INSTRUMENTS INC or STERLING SOFTWARE
- 12 - the literal NAME
- 16 - the start of the IEF source
- 20 - any executable IEF source

System Action: The IEF Indexer will continue processing, but the map data set produced for this source listing will not be valid.

User Response: Ensure that the compiler source listing used as input to the Indexer is for a Composer-generated application. If it is, notify the STROBE system programmer.

STR1115E *lang* LISTING DATA SET IS EMPTY - TERMINATING

Explanation: The LISTING data set for the language named in *lang* is empty.

System Action: The Indexer terminates and produces an empty map data set.

User Response: Ensure that the data set specified on the input LISTING data definition statement is a valid data set. If it is, notify the STROBE system programmer.

STR1116S *lang* LISTING NOT IN EXPECTED FORMAT [RC=*rc*] - TERMINATING

Explanation: The Indexer cannot successfully process the listing for the language named in *lang* because it is in an unexpected format. The return code, if given, is *rc*.

System Action: The STROBE Indexer terminates. The Indexer lists on SYSPRINT an edited display of the map data set to the point of the error. The STROBE Performance Profile will display incomplete indexing information.

User Response: Ensure that the data set specified on the input LISTING data definition statement is a valid data set. If it is, notify the STROBE system programmer.

STR1117S SYNAD ERROR, STRXIO *text*

Explanation: While concatenating map data sets, the Indexer encountered one with different characteristics.

System Action: The Indexer terminates. The Indexer lists on SYSPRINT an edited display of the map data set to the point of the error. The STROBE Performance Profile will contain incomplete indexing information.

User Response: Index the programs again, specifying a separate indexing step for each type of data set.

STR1118S INVALID FUNCTION PASSED TO STRXIO

Explanation: The C Indexer encountered an invalid function.

System Action: The C Indexer terminates and may produce an incomplete map data set. The resulting Performance Profile may not contain procedure names.

User Response: Contact Compuware Technical Support.

STR1119S RECFM NOT SUPPORTED BY INDEXER--LISTING

Explanation: The Indexer encountered a listing data set whose record format is not FBA, FBM, VBA, or VBM.

System Action: The Indexer terminates. The Indexer lists on SYSPRINT an edited display of the map data set to the point of the error. The STROBE Performance Profile displays incomplete indexing information.

User Response: Recompile the programs using a SYSPRINT data set formatted as FBA, FBM, VBA, VBM, and resubmit the indexing request.

STR1120E DSORG PO WITHOUT MEMBER NAME NOT VALID FOR LISTING [(+nnnn)]

Explanation: The listing data set specified is partitioned, but you did not include a member name in the request. If specified, (+nnnn) indicates the relative number of the data set in the error within the LISTING concatenation.

System Action: The Indexer terminates and does not produce a map data set.

User Response: Resubmit the indexing request, and specify the member name.

STR1121W INDEXER SYSPRINT DCB INCORRECT-CONTINUING

Explanation: The SYSPRINT file from the compiler has incorrect DCB parameters.

System Action: The Indexer terminates and does not produce a map data set.

User Response: Refer to the *STROBE MVS User's Guide* for the correct parameters based on language type. Enter the proper parameters and resubmit the request.

STR1124S ERROR PROCESSING PROCEDURE TABLE - TERMINATING

Explanation: The C Indexer could not locate a locally defined SAS/C function in the Procedure Table to determine if that function is a prototype, definition, or invocation.

System Action: The Indexer terminates and does not produce a map data set.

User Response: Notify the STROBE system programmer.

STR1125E {MAP | LISTING} DATA SET NOT SPECIFIED

Explanation: The Indexer JOB STEP did not specify the STRMAP DD or LISTING DD statement.

System Action: The Indexer terminates and does not produce a map data set.

User Response: Specify the missing data definition statement and resubmit the request.

STR1126E LISTING DATA SET MUST BE PARTITIONED OR PHYSICAL SEQUENTIAL [(+nnnn)]

Explanation: The listing data set specified to the STROBE Indexer has a data set organization other than partitioned or physical sequential. If specified, *(+nnnn)* indicates the relative number of the data set in error within the concatenation.

System Action: The Indexer terminates and does not produce a map data set.

User Response: Specify a listing data set that is either a member of a partitioned data set or a sequential data set, and resubmit the request.

STR1127E DSORG PO WITHOUT MEMBER NAME NOT VALID FOR MAP

Explanation: The map data set was partitioned, but no member name was included in the request.

System Action: The Indexer terminates and does not produce a map data set.

User Response: Resubmit the indexing request and specify the member name.

STR1128E MAP FILE CANNOT SPECIFY A CONCATENATION

Explanation: The STRMAP DD statement, which points to the map data sets, specifies a concatenation of data sets.

System Action: The Indexer terminates and does not produce a map data set.

User Response: Resubmit the request and specify a single map data set in the STRMAP DD statement.

STR1129E MEMBER NAME INVALID WITH SEQUENTIAL DATA SET *ddname* [(+nnnn)]

Explanation: The data set with *ddname ddname* had a physical sequential organization but was specified with a member name. If present, *(+nnnn)* indicates the relative number of the data set in error within the concatenation.

System Action: The Indexer terminates and does not produce a map data set.

User Response: Specify either the name of a physical sequential data set, or a partitioned organization data set with a member name.

STR1130I RDJFCB MACRO RETURN CODE = *rc* REASON CODE = *rsncode* FOR {LISTING | MAP}

Explanation: STROBE encountered an internal error in the Indexer when attempting to verify the listing or map data set. The RDJFCB macro returned a code of *rc* for *ddname ddname*. RDJFCB in the ARL (Allocation Retrieval List) field ARLCODE returned a reason code of *rsncode*.

System Action: The Indexer does not perform any further data set verification. It will, however, attempt to index the LISTING data sets.

User Response: Notify the STROBE system programmer.

STR1131I OBTAIN MACRO RETURN CODE = *rc* FOR {LISTING | MAP} [(+nnnn)]

Explanation: STROBE encountered an internal error in the Indexer when attempting to verify the listing or map data set. The OBTAIN macro returned a code of *rc*. If specified, *(+nnnn)* indicates the relative number of the data set within the concatenation.

System Action: The Indexer does not perform any further data set verification. It will, however, attempt to index the listing data sets.

User Response: Notify the STROBE system programmer.

STR1132E {LISTING | MAP} NOT FOUND ON VOLUME *volume* [(*ddname +nnnn*)]

Explanation: A map or listing data set was not found on volume *volume*. If the *ddname* is concatenated, *(ddname +nnnn)* indicates the *ddname* and the data set's relative position in the concatenation.

System Action: The Indexer terminates.

User Response: Ensure that the specified data set name is correct. If the name is correct, and the data set is cataloged, it may have been deleted from the volume in which it existed. If it is uncataloged, the volume specified may be incorrect.

STR1133E MAP DATA SET MUST BE PARTITIONED OR PHYSICAL SEQUENTIAL

Explanation: The map data set name specified for the STRMAP DD statement has a data set organization other than physical sequential or partitioned.

System Action: The Indexer terminates and does not produce a map data set.

User Response: Specify a listing data set that is a physical sequential data set or a member of a partitioned data set, and resubmit the request.

STR1200E STRXNAT - INTERNAL ERROR

Explanation: The STROBE Natural Indexer has encountered an unknown condition.

System Action: The STROBE Natural Indexer terminates and may not produce a map dataset, or may produce an empty map dataset.

User Response: Notify the STROBE system programmer.

STR1201E STRXNAT - ERROR OPENING {LISTING|MAP} DATA SET

Explanation: The STROBE Natural Indexer was unable to open the input listing dataset (the LISTING DD statement), or the output map dataset (the STRMAP DD statement).

System Action: The STROBE Natural Indexer terminates and does not produce a map dataset.

User Response: Verify the data definition statement or the dataset name. If it is correct, notify the STROBE system programmer.

STR1202E STRXNAT - COULDN'T FIND {DIRECTORY RECORD|SOURCE CODE} IN LISTING

Explanation: The STROBE Natural Indexer has encountered one of three possible conditions. The input listing dataset (the LISTING DD statement) that was produced by Natural and input to the STROBE Natural Indexer was either

- 1) empty,
- 2) incorrectly produced, or
- 3) produced by a version of Natural that the STROBE Natural Indexer doesn't support at the current maintenance level

System Action: The STROBE Natural Indexer terminates and may not produce a map data set.

User Response: For conditions 1 and 2, refer to the *STROBE ADABAS/NATURAL Feature* for information on procedures available to produce Natural program listings suitable for input to the STROBE Natural Indexer. For condition 3, notify the STROBE system programmer.

STR1203E STRXNAT - SOURCE LISTING INCOMPLETE

Explanation: The input listing dataset (the LISTING DD statement) has reached an end-of-file condition prior to returning to the main Natural program from a nested (included) program. One (but not the only) possible cause of this is an out-of-space condition that was received while producing the listing dataset (the CPRINT DD statement in the UNLOAD step of either the STROXN or STROXNAT procedures).

System Action: The STROBE Natural Indexer terminates and may produce an incomplete map dataset. The STROBE Performance Profile will display incomplete indexing information.

User Response: Verify that the input listing dataset contains the Natural end-of-listing indicator (***** End of List *****) in either the last or next-to-last line of the dataset. If the listing dataset does not contain this indicator, rerun the UNLOAD step. If the listing dataset does contain this indicator, notify the STROBE system programmer.

STR1300E ERROR *erc* DETECTED BY MODULE STRXVPLI

Explanation: The PL/I Indexer cannot successfully process the compiler listing data set because module STRXVPLI encountered error code *erc*. The module's pseudo-assembly code was in an unexpected format or missing certain required data, such as the program name or the procedure code listing.

System Action: STROBE terminates indexing. If a map data set is produced, it could be incomplete.

User Response: First, ensure that the SYSLIST input data set is in the format and record length specified in the *STROBE MVS User's Guide* and *STROBE MVS User's Guide with Advanced Session Management*. Second, verify that the JCL is correct and make sure the data sets are

complete, correct, and available for use. If the error persists, contact Compuware Technical Support.

STR1405E GETMAIN FAILURE IN STRXDBRM - TERMINATING

Explanation: STROBE cannot obtain enough storage for the work area for module STRXDBRM.

System Action: The Indexer terminates and does not produce a map data set.

User Response: Increase the region size and resubmit the request.

STR1408E DBRM DATA SET IS EMPTY

Explanation: The member of the DBRM partitioned data set that you specified is empty.

System Action: The DB2 Indexer terminates and does not produce a map data set.

User Response: Ensure that the data set specified on the input listing data definition statement is a valid DBRM data set. If it is, notify the STROBE system programmer.

STR1412S DBRM MEMBER NOT IN EXPECTED FORMAT - TERMINATING

Explanation: The DB2 Indexer cannot successfully process the DBRM source text because one or more of the DBRMs is in an unexpected format.

System Action: The DB2 Indexer terminates. If the DISPLAY MAP option was selected when the ADD request was submitted, the Indexer lists on SYSPRINT an edited display of the map data set to the point of the error. The STROBE Performance Profile displays incomplete indexing information.

User Response: Ensure that the data set specified on the input listing data definition statement is a valid DBRM data set. If it is, notify the STROBE system programmer.

STR1413S OPEN ERROR ON DDNAME {SYSPRINT|STRMAP|LISTING}

Explanation: The DB2 Indexer encountered an error while attempting to open the report output data set SYSPRINT, the map data set STRMAP, or the input data set listing. A data definition statement may be missing or not valid.

System Action: The Indexer terminates and does not produce a map data set.

User Response: Verify the data definition statement. If it refers to a valid data set, notify the STROBE system programmer.

Messages Returned by the STROBE History Manager

The STROBE History Manager returns the following messages.

STR1800E SYSTEM SERVICE FAILED (*sysserve*) *ddname* - RC=*rc* ERC=*erc*

Explanation: The system service *sysserve* for *ddname* *ddname* failed. The return code is *rc*, and the reason code, if given, is *erc*.

System Action: The history manager may terminate.

User Response: Notify the STROBE system programmer.

STR1801E CREATE INTERNAL ERROR - HGWA ALREADY EXISTS

Explanation: A duplicate call was made to build a history global work area (HGWA).

System Action: The history manager terminates.

User Response: Contact Compuware Technical Support.

STR1802E *fnctname* INTERNAL ERROR - HGWA DOES NOT EXIST

Explanation: A function *fnctname* failed because STROBE could not find a history global work area (HGWA) control block.

System Action: The history manager terminates.

User Response: Contact Compuware Technical Support.

STR1803E *fnctname* - *ddname* DATA SET NOT OPERATIONAL

Explanation: While executing function *fnctname*, STROBE found the data set that *ddname* *ddname* refers to is not operational.

System Action: The history manager terminates.

User Response: Contact Compuware Technical Support.

STR1804E *fnctname* - *ddname* ENVIRONMENT NOT ESTABLISHED

Explanation: STROBE attempted to use the data set referred to by *ddname* *ddname* without first building the necessary control blocks. The function name that detected the error is *fnctname*.

System Action: The history manager terminates.

User Response: Contact Compuware Technical Support.

STR1805E OPEN - *ddname* DATA SET ALREADY OPEN

Explanation: STROBE attempted to open the data set that *ddname* *ddname* refers to and found that it was already opened.

System Action: The history manager terminates.

User Response: Notify the STROBE system programmer.

STR1806E *fnctname* - *ddname* HGWA CORRUPTION DETECTED

Explanation: While processing a call for function *fnctname* and *ddname* *ddname*, STROBE detected history global work area (HGWA) corruption.

System Action: The history manager terminates.

User Response: Contact Compuware Technical Support.

STR1807E *fnctname* - *ddname* DATA SET NOT OPEN

Explanation: STROBE function *fnctname* found that the data set that *ddname* *ddname* refers to was already closed.

System Action: The history manager terminates.

User Response: Contact Compuware Technical Support.

STR1808E *fnctname* - *ddname* PLIST MISSING OR INVALID

Explanation: While processing a call for function *fnctname* and *ddname* *ddname*, STROBE found that the parameter list was missing or invalid.

System Action: The history manager terminates.

User Response: Contact Compuware Technical Support.

STR1809E *fnctname* - *ddname* QPL POINTER INVALID AT *address*

Explanation: While processing function *fnctname* for *ddname* *ddname*, STROBE found that the history parameter list pointer at address *addr* was invalid.

System Action: The history manager terminates.

User Response: Contact Compuware Technical Support.

STR1810S *ddname* DATA SET NOT ALLOCATED

Explanation: During startup, STROBE determined that the data set that *ddname* *ddname* refers to was missing. STROBE requires that this data set be allocated.

System Action: The history manager terminates.

User Response: Ask the STROBE system programmer to correct the history manager JCL and restart the history manager.

STR1811S OSER - *ddname* RESERVE ALREADY OUTSTANDING

Explanation: STROBE attempted to issue two reserves for the same history data set that *ddname* *ddname* refers to.

System Action: The history manager terminates.

User Response: Contact Compuware Technical Support.

STR1812S *fnctname* - *ddname* RESERVE NOT ISSUED

Explanation: In the function *fnctname*, STROBE attempted to open the data set that *ddname* refers to without first reserving it.

System Action: The history manager terminates.

User Response: Contact Compuware Technical Support.

STR1813W OPEN - *ddname* VSAM OPEN STATUS RC=*rc* RSN=*rsn*

Explanation: STROBE determined that the data set that *ddname* refers to was not properly closed and that VSAM has performed an implicit VERIFY. The VSAM return code is *rc*, and the VSAM reason code is *rsn*.

System Action: STROBE continues processing normally.

User Response: Notify the STROBE system programmer.

STR1814E OPEN - *ddname* UNABLE TO INITIALIZE DATA SET RC=*rc*

Explanation: STROBE was unable to complete the initialization of the data set that *ddname* refers to. The VSAM return code is *rc*.

System Action: The history manager terminates.

User Response: Contact Compuware Technical Support.

STR1815E *fnctname* - *failingfnct* *ddname* STATUS RC=*rc* RSN=*rsn*

Explanation: A function, *failingfnct*, failed for the data set that *ddname* refers to. The return code of the failed function is *rc*, and the reason code of the failed function is *rsn*. *fnctname* is the function currently executing.

System Action: The history manager terminates.

User Response: Contact Compuware Technical Support.

STR1816E DD FIND - *ddname* DDNAME INVALID

Explanation: The *ddname* referred to by *ddname* is invalid.

System Action: The history manager terminates.

User Response: Contact Compuware Technical Support.

STR1817E DD FIND - *ddname* DSNAME TABLE POINTER INVALID AT *addr*

Explanation: STROBE found that the data set table pointer in the *ddname* table referred to by *ddname* is invalid at address *addr*.

System Action: The history manager terminates.

User Response: Contact Compuware Technical Support.

STR1818E *ddname* - DATA SET IS FULL

Explanation: The data set identified in *ddname* is full.

System Action: If you receive this message while producing Performance Profile reports, STROBE will produce the reports, but no history information will be added to the history database. If you receive this message while accessing STROBE/ISPF panels to add a measurement session history or cost record, the measurement session history record will not be added to the database.

User Response: Notify the STROBE system programmer. As a temporary measure, you may delete unneeded measurement session history records from the history data set. The STROBE system programmer can allocate a larger history data set and use the IDCAMS utility to copy information from the previous history data set to the newly created history data set.

STR1819I HISTORY DATA SET STRUCTURES REMOVED

Explanation: STROBE disabled the history file processing.

System Action: STROBE continues processing.

User Response: None required.

STR1820E STRH INTERNAL ERROR. ERROR CODE = *erc*

Explanation: STROBE encountered an error while attempting to access the history database. The error code is given in *erc*.

System Action: If this error occurred while producing Performance Profile reports, STROBE will produce reports but no history information will be added to the history database. If this error occurred while you were accessing or modifying the history database through STROBE/ISPF, the history database will be disabled.

User Response: If the problem persists, contact Compuware Technical Support.

STR1821E DATASTORE ENVIRONMENT NOT ESTABLISHED

Explanation: The system resources required for the history data temporary storage area are not available.

System Action: If this error occurred while producing Performance Profile reports, STROBE will produce reports but no history information will be added to the history database. If this error occurred while you were accessing or modifying the history database using STROBE/ISPF, the history database will be disabled.

User Response: If the problem persists, contact Compuware Technical Support.

STR1822E DATASTORE FUNCTION FAILED: *errortext*

Explanation: STROBE encountered an error accessing a temporary storage area. The reason for the error is described in *errortext*.

System Action: If this error occurred while producing Performance Profile reports, STROBE will produce reports but no history information will be added to the history database. If this error occurred while you were accessing or modifying the history database using STROBE/ISPF, the history database will be disabled.

User Response: If the problem persists, contact Compuware Technical Support.

STR1823W STRHLOG NOT ALLOCATED. LOGGING DISABLED

Explanation: The message log file for measurement session history collection and reporting has not been allocated.

System Action: STROBE will not write messages to the history log, but all other measurement session history collection and reporting will continue normally.

User Response: Allocate a log file for measurement session history collection and reporting and resubmit the request.

STR1824W ERROR {OPENING | CLOSING} STRHLOG. LOGGING DISABLED

Explanation: STROBE encountered an error attempting to open or close the log file for measurement session history collection and reporting.

System Action: STROBE will not write messages to the history log, but all other measurement session history collection and reporting will continue normally.

User Response: Notify the STROBE system programmer.

STR1825W INCORRECT DCB OPTIONS FOR STRHLOG. LOGGING DISABLED

Explanation: The DCB parameters for the history log file are not correct.

System Action: STROBE will not write messages to the history log, but all other measurement session collection and reporting will continue normally.

User Response: Review the instructions for allocating the history log file described in the *STROBE MVS System Programmer's Guide* and reallocate the data set.

STR1826W SWAREQ FAILED. RC=*rc*. LOGGING DISABLED

Explanation: A call to an MVS service, SWAREQ, failed. Log functions will not operate.

System Action: STROBE continues processing, but there will be no history log.

User Response: Notify the STROBE system programmer.

STR1827W *fnctname* FOR STRHLOG FAILED. LOGGING DISABLED

Explanation: Function *fnctname* for log processing failed. The history log is disabled.

System Action: STROBE continues processing, but there will be no history log.

User Response: Notify the STROBE system programmer.

STR1828W STRHLOG I/O ERROR ENCOUNTERED. SENSE BYTES: *xxx* STATUS BYTES *yyyy*. LOGGING DISABLED

Explanation: An I/O error occurred while processing the history log.

System Action: STROBE continues processing but will not process history log information.

User Response: Notify the STROBE system programmer.

STR1829E STORAGE ALLOCATION FAILED

Explanation: An attempt to obtain storage allocation failed.

System Action: All STROBE measurement session history collection and reporting is disabled.

User Response: Notify the STROBE system programmer.

STR1830W ABEND IN LOG PROCESSING. LOGGING DISABLED.

Explanation: STROBE experienced an ABEND processing log functions.

System Action: STROBE continues processing, but there will be no history log.

User Response: Notify the STROBE system programmer.

STR1831E RECOVERY ENVIRONMENT COULD NOT BE ESTABLISHED. RETURN CODE *rc*. REASON CODE *reascode*

Explanation: STROBE could not establish a recovery environment.

System Action: All STROBE measurement session history collection and reporting is disabled.

User Response: Notify the STROBE system programmer.

STR1832E STROBE CANNOT WRITE TO {STRHPRNT | STRHEXPT} FILE STATUS ##

Explanation: STROBE's attempt to write to either the print file (STRHPRNT) or the export file (STRHEXPT) failed. The file status is ##.

System Action: STROBE continues processing but will not print or export the measurement session history record.

User Response: Contact the STROBE system programmer.

STR1833E INVALID CALL TO {PRINT | EXPORT}, DATASTORE IS *datastore*

Explanation: While processing datastore *datastore*, STROBE received an illegal call to either the print or export function.

System Action: STROBE continues processing but the measurement session history record will not be printed or exported.

User Response: Contact the STROBE system programmer.

STR1834E EMPTY DATASTORE PASSED TO {EXPORT | PRINT | COMPARE}

Explanation: A call was made to either the export, print, or compare function, but the datastore contained no data.

System Action: STROBE continues processing, but will not export or print the measurement session history record, or compare it to the baseline value.

User Response: Contact the STROBE system programmer.

STR1835S ERROR - DEFAULT COST PARM MISSING/INVALID

Explanation: The first parameter in the SYSIN data set for the cost record installation program was not 'DEFAULTCOST=('

System Action: The cost record installation program terminates.

User Response: Correct the SYSIN data set and rerun the program.

STR1836S ERROR - INVALID PARM INPUT

Explanation: Either the last character in the parameter field was not a right parenthesis ')' or a blank record was entered in the SYSIN data set.

System Action: The cost record installation program terminates.

User Response: Correct the SYSIN data set and rerun the program.

STR1837S ERROR - INCONSISTENT INPUT DATA

Explanation: A service unit parameter was combined with CPU and I/O cost parameters. When you initialize cost records, you can use either service units costs or CPU and I/O costs, but not both.

System Action: The cost record installation program terminates.

User Response: Correct the SYSIN data set and rerun the program.

STR1838S ERROR LOADING HISTORY MANAGER

Explanation: The cost record installation program was unable to locate the history manager component.

System Action: The cost record installation program terminates.

User Response: Review the STROBE history manager instructions in the *STROBE MVS System Programmer's Guide* and verify that the appropriate STROBE libraries are loaded. If the problem persists, contact Compuware Technical Support.

STR1839S ERROR - INVALID PRIME CPU COST ENTRY

Explanation: PRIMECPU data is not in the form nnnnnn.nn.

System Action: The cost record installation program terminates.

User Response: Correct the SYSIN data set and rerun the program.

STR1840S ERROR - INVALID PRIME IO COST ENTRY

Explanation: PRIMEIO data is not in the form nnnnnnn.nnn.

System Action: The cost record installation program terminates.

User Response: Correct the SYSIN data set and rerun the program.

STR1841S ERROR - INVALID PRIME SU COST ENTRY

Explanation: PRIMESU data is not in the form nnnnnn.nnn.

System Action: The cost record installation program terminates.

User Response: Correct the SYSIN data set and rerun the program.

STR1842S ERROR - INVALID/MISSING PRIME TIME START ENTRY

Explanation: PRIMESTART data is missing or not in the form nnnn.

System Action: The cost record installation program terminates.

User Response: Correct the SYSIN data set and rerun the program.

STR1843S ERROR - INVALID/MISSING PRIME TIME END ENTRY

Explanation: PRIMEEND data is missing or not in the form nnnn.

System Action: The cost record installation program terminates.

User Response: Correct the SYSIN data set and rerun the program.

STR1844S ERROR - INVALID NONPRIME CPU COST ENTRY

Explanation: NONPRIMECPU data is not in the form nnnnnn.nn.

System Action: The cost record installation program terminates.

User Response: Correct the SYSIN data set and rerun the program.

STR1845S ERROR - INVALID NONPRIME IO COST ENTRY

Explanation: NONPRIMEIO data is not in the form nnnnnn.nnn.

System Action: The cost record installation program terminates.

User Response: Correct the SYSIN data set and rerun the program.

STR1846S ERROR - INVALID NONPRIME SU COST ENTRY

Explanation: NONPRIMESU data is not in the form nnnnnn.nnn.

System Action: The cost record installation program terminates.

User Response: Correct the SYSIN data set and rerun the program.

STR1847S ERROR - INVALID PARM VALUE - *parmvalue*

Explanation: An invalid parameter value, *parmvalue*, was entered in the SYSIN data set.

System Action: The cost record installation program terminates.

User Response: Correct the SYSIN data set and rerun the program.

STR1848E DELETE FAILED. RECORD BEING ACCESSED BY ANOTHER USER

Explanation: The DELETE request failed because another user is accessing this record.

System Action: STROBE does not process the request.

User Response: Retry the DELETE request when the record is not being used.

Messages Returned by AutoSTROBE

AutoSTROBE returns the following messages.

STR1900I INITIALIZATION OF AUTOSTROBE IN STRxMSAS IN PROCESS

Explanation: Processing in the Measurement Services Address Space (MSAS) has attached the AutoSTROBE control task and AutoSTROBE initialization processing has started.

System Action: AutoSTROBE initialization continues.

User Response: None required.

STR1901I INITIALIZATION OF AUTOSTROBE IN STRxMSAS IS COMPLETE

Explanation: Initialization of AutoSTROBE is complete. Any AutoSTROBE requests that existed at the time when AutoSTROBE was last operational are reestablished.

System Action: AutoSTROBE initialization continues.

User Response: None required. New AutoSTROBE requests can be submitted.

STR1902E AUTOSTROBE INITIALIZATION TERMINATED. *text of reason*

Explanation: AutoSTROBE initialization processing encountered an error that would cause problems in subsequent attempts to perform AutoSTROBE processing. The text of reason can be:

- UNABLE TO OBTAIN WORKING STORAGE
- SMF TYPE 30 RECORDS NOT BEING COLLECTED
- UNABLE TO ATTACH AN AUTOSTROBE SUBTASK, RETCODE=xx
- UNABLE TO ADD DYNAMIC EXIT {STRBAUSI|STRBACTR}, RETCODE=xx REASON=yyyy
- ERROR IN REQUEST PROCESSING xxx
- STRBAEVT DID NOT INITIALIZE

System Action: AutoSTROBE initialization processing is terminated

User Response: Based on the reason indicated, validate the environment in which the STROBE session manager and Measurement Services Address Space (MSAS) are running.

**STR1903I {MEASUREMENT INITIATED | WARNING STATE APPLIED | FOR AUTOSTROBE REQUEST
xxxx, PROGRAM
program OF JOB jobname BECAUSE OF condition**

Explanation: AutoSTROBE detected abnormal behavior in the designated job and either initiated a STROBE measurement of that program or defined a "warning" that can be displayed by the user. The abnormal behavior is described by the *condition* text listed in the message. This text also appears on the Measurement Session Data report. The conditions for which STROBE will initiate a measurement are:

- EXCESSIVE ELAPSED TIME
- EXCESSIVE TCB TIME
- ABNORMAL I/O ACTIVITY - EVENT *x*

For abnormal I/O activity, the event number designates the I/O threshold event that was exceeded by the monitored program. (See the description of the AUTOIOEVENTx parameters in the STROBE *System Programmer's Guide*.)

System Action: AutoSTROBE processing continues. AutoSTROBE places the measured program into a "held" state which means that subsequent executions of the job with this name will not be monitored until it is released using STROBE/ISPF.

User Response: If a measurement was initiated, generate a Performance Profile, analyze it and make any appropriate corrections to the program code. To enable AutoSTROBE to resume monitoring of the program, enter a "release" to change its status from held to pending. If changes to the program invalidate basis data for the measurement, you can delete it and AutoSTROBE will collect new basis data for the next ten monitorings of the program.

**STR1904I MEASUREMENT FOR AUTOSTROBE REQ xxxx PGM zzzz JOB yyyy DELETED -
INSUFFICIENT MEASUREMENT DURATION**

Explanation: A program measurement initiated by AutoSTROBE was discarded because either the elapsed time accumulated after the measurement was initiated was determined to be insufficient for a valid measurement. REQ xxxx identifies the AutoSTROBE request associated with this program.

System Action: AutoSTROBE processing continues and creates ADD QUEUED request to measure the next execution of the program. The status of the AutoSTROBE measurement request for this program remains "held-ms".

User Response: None required.

**STR1905E AUTOSTROBE DID NOT MONITOR PROGRAM proname UNDER JOB jobname
CODE={ETxx|TTxx|IOxx} REQUEST xxxx**

Explanation: AutoSTROBE was unable to either start or complete monitoring of a program covered by the designated AutoSTROBE request. The first two characters of "CODE" identify the AutoSTROBE condition that detected the event that caused monitoring to stop. The second two characters are a numeric code that identifies the event.

System Action: AutoSTROBE processing for other monitored programs continues.

User Response: Report this message to Compuware Technical Support.

STR1906I AUTOSTROBE DID NOT MONITOR PROGRAM proname UNDER JOB jobname reason

Explanation: AutoSTROBE detected the initiation of a program covered by an existing AutoSTROBE request, but did not monitor it for one of the following reasons:

- MAXIMUM NUMBER OF PROGRAMS ARE CURRENTLY BEING MONITORED
- JOB IS NOT A BATCH JOB
- ISSUER OF REQUEST NOT AUTHORIZED TO JOB FOR THIS PROGRAM

System Action: AutoSTROBE processing continues.

User Response: If the first message reason appears none required or increase the AUTOMAX parameter value. If the third message reason appears, check the job name specified on the request and consider resubmitting the request by someone with authorization to the job(s) designated in the request.

STR1907I STATUS OF AUTOSTROBE REQUEST xxxx CHANGED TO {MONITOR|PENDING|HELD{MS|WN| AC|US}}

Explanation: The initiation or termination of the program associated with the designated request or an action by AutoSTROBE or a user has caused the status of the designated request to be changed.

System Action: AutoSTROBE processing continues.

User Response: None required.

STR1909E ERROR PROCESSING DATA FOR REQUEST xxxx, RETCODE=xx, REASON CODE=yyy

Explanation: AutoSTROBE encountered an error reading or writing data about the designated request. RETCODE designates the return code from the function that was attempting to access the data. The REASON CODE identifies the data that was being processed.

System Action: AutoSTROBE processing continues. Reason codes 101, 102, and 106 indicate this execution of the program associated with the request is not monitored. Reason codes 103, 104, and 105 indicate that the data associated with this monitoring cannot be saved.

User Response: Report the message to Compuware Technical Support.

STR1910E AUTOSTROBE REQUEST xxxx PROGRAM progname UNDER JOB jobname NOT MONITORED FOR {ELAPSED TIME | TCB TIME | I/O ACTIVITY | CCxx}

Explanation: AutoSTROBE encountered an event or error in its monitoring that has caused it to stop monitoring the program for the specified condition. This message sometimes reflects an error but is often issued for normal events such as the termination of monitoring for I/O activity when the monitored program has no basis data for I/O. CC identifies the Auto STROBE condition that detected the event that caused monitoring to be stopped. xx is a numeric code that identifies the event.

System Action: AutoSTROBE stops its monitoring of the designated program for the specified condition. AutoSTROBE monitoring for other conditions during the program execution proceeds.

User Response: Report the message to Compuware Technical Support.

STR1911E THRESHOLD FOR ERROR, CODE=xxx EXCEEDED, AUTOSTROBE TERMINATED

Explanation: The number of errors designated by "CODE=xxx" has exceeded a threshold designated by that error type. The AutoSTROBE routine that detected these errors initiated the termination of AutoSTROBE. The error codes are those found in messages STR1909E and STR1914E.

System Action: The Measurement Services Address Space (MSAS) in which this version of AutoSTROBE is running will attempt to restart AutoSTROBE up to 3 times in a fifteen minute interval.

User Response: Report the message to Compuware Technical Support.

STR1913I MONITORING DATA FOR AN EXECUTION OF A PROGRAM zzzzzzz OF JOB yyyyyy WAS DISCARDED - INSUFFICIENT ELAPSED TIME

Explanation: AutoSTROBE was collecting basis data for the designated program and its monitoring of this execution found only a small amount of elapsed time. If this minimal activity is part of the basis data, it reduces the composite values in the basis data to levels that are far lower than the norm for that program when it is performing its designated function(s).

System Action: The data collected during the monitoring of the designated program is not added to that program's basis data. AutoSTROBE processing continues.

User Response: None required.

STR1914E AUTOSTROBE REQUEST xxxx, VSAM ERROR - RETURN CODE xxx, REASON CODE yyy

Explanation: A VSAM error occurred while reading or writing data about the designated request from or to the AutoSTROBE data set. RETURN CODE and REASON CODE designate the VSAM return code and reason code for the failed operation. If the request number is zero, then the interaction with VSAM was not related to a specific AutoSTROBE request. This message will be preceded by message STR1909E if there is a request number.

System Action: AutoSTROBE processing continues. Depending on whether monitoring of a program associated with the request was starting or ending, either this execution of the

program is not monitored or data associated with the monitoring cannot be saved. See message STR1909E.

User Response: Report the message to Compuware Technical Support.

STR1915I AUTOSTROBE {MEASUREMENT|WARNING STATUS} FOR REQ xxxx PGM ppppp

Explanation: AutoSTROBE detected abnormal behavior in the designated program running under the designated job and either initiated a STROBE measurement of that program or defined a "warning" that can be displayed by the user. A text description of this condition appears on the Measurement Session Data report for the measurement. The conditions for which AutoSTROBE will initiate a measurement are:

- EXCESSIVE ELAPSED TIME
- EXCESSIVE TCB TIME
- ABNORMAL I/O ACTIVITY

System Action: AutoSTROBE processing continues. AutoSTROBE has put the request associated with the measurement in the held-ms (measurement) or held-wn (warning) state. As a result, subsequent executions of the program (under the job and step names in the request) will not be monitored until the user releases the request via STROBE/ISPF

User Response: If the measurement was initiated, generate a Performance Profile for it, analyze it, and correct the measured program. To cause AutoSTROBE to resume monitoring of the program, release the the measurement via STROBE/ISPF to change its status from held to pending. If changes to the measured program invalidate the basis data on which the measurement was based, you may want to delete that basis data. This action causes AutoSTROBE to collect new basis data on the first 10 subsequent monitorings of the program.

STR1916E AUTOSTROBE HAS BEEN TERMINATED, REASON CODE = xxx

Explanation: An AutoSTROBE function has detected an error that is serious enough to cause termination of this version of AutoSTROBE. This message is preceded by one or more messages that describe the error(s) that cause the termination.

System Action: The Measurement Services Address Space (MSAS) in which this version of AutoSTROBE is running will attempt to restart AutoSTROBE up to three times after the initial failure in any fifteen minute interval.

User Response: Check the STROBE log for the AutoSTROBE messages that precede this one. They will provide more detail about the error that forced the termination of AutoSTROBE. Report this message to Compuware Technical Support.

STR1920I AUTOSTROBE HAS BEEN STOPPED

Explanation: The operator issued the MVS MODIFY command to stop AutoSTROBE and it worked.

System Action: Session manager and Measurement Services Address Space (MSAS) processing continues. AutoSTROBE is inoperative.

User Response: None required.

STR1921I AUTOSTROBE HAS BEEN STARTED

Explanation: The operator issued the MVS MODIFY command to start AutoSTROBE and it worked.

System Action: Session manager and Measurement Services Address Space (MSAS) processing continues. AutoSTROBE is operative.

User Response: None required.

STR1922I MODIFY *msasname* {STOPAUTO|STARTAUTO} COMMAND IGNORED, AUTOSTROBE IS ALREADY {STOPPED|STARTED}

Explanation: The operator issued the MVS MODIFY command to start or stop AutoSTROBE when it was already in the state specified in the command.

System Action: Session Manager and Measurement Services Address Space (MSAS) processing continues. AutoSTROBE operational status remains unchanged.

User Response: None required.

STR1923I MODIFY *jobname text* COMMAND REJECTED *reason*

Explanation: The operator issued the MVS MODIFY command to the Measurement Services Address Space (MSAS) and the command was not processed for the following reasons:

- INVALID PARAMETER TEXT
- AUTOSTROBE INSTALLATION PARAMETER NOT SPECIFIED

System Action: Session Manager and Measurement Services Address Space (MSAS) processing continues.

User Response: If the command was rejected for invalid installation parameters, reissue the command. If the command was rejected because your site does not have a license for the STROBE Advanced Session Management Feature, you cannot use AutoSTROBE.

1924I AUTOCANDIDATE FUNCTION HAS BEEN STARTED

Explanation: The console operator issued the MVS MODIFY command to the MSAS address space in order to initiate the AutoSTROBE AutoCandidate function (during this run of the MSAS only).

System Action: Session manager, MSAS, and AutoSTROBE continue to process.

User Response: None required.

1925I AUTOCANDIDATE FUNCTION HAS BEEN STOPPED

Explanation: The console operator issued the MVS MODIFY command to the MSAS address space in order to terminate the AutoSTROBE AutoCandidate function (during this run of the MSAS only).

System Action: Session manager, MSAS, and AutoSTROBE continue to process.

User Response: None required.

1926I MODIFY *msasname* STOPACND COMMAND REJECTED, AUTOCANDIDATE IS NOT ACTIVE

Explanation: The console operator issued the MVS MODIFY command to the MSAS address space in order to terminate the AutoSTROBE AutoCandidate function, but the AutoCandidate function was not active at the time.

System Action: Session manager, MSAS, and AutoSTROBE continue to process.

User Response: None required.

1927I MODIFY *msasname* STRTACND COMMAND REJECTED, | AutoSTROBE IS NOT ACTIVE | AUTOCANDIDATE IS ALREADY ACTIVE

Explanation: The console operator issued the MVS MODIFY command to the MSAS address space in order to start the AutoSTROBE AutoCandidate function, but either AutoSTROBE was not active, or the AutoCandidate function was already active.

System Action: Session manager, MSAS, and AutoSTROBE continue to process.

User Response: If you want to start AutoSTROBE, issue the MVS MODIFY to the MSAS started task, specifying "STARTAUTO". Next, if you want to start the AutoSTROBE AutoCandidate function, and it is not specified as the default option ('Autocandidate=yes') in the STROBE parmlib member, then issue the MVS MODIFY to the MSAS started task, specifying "STRTCAND".

Messages Returned by the Reporter

The STROBE Reporter program returns the following messages.

STR2000I PARM=*parm*

Explanation: STROBE detected an error in one or more of the parameters specified.

System Action: STROBE lists one line of the parameters in *parm* and repeats this message once for each additional line.

User Response: Verify that the parameters have been specified correctly. If they have, notify the STROBE system programmer.

STR2002W ERROR IN PARAMETER *parmname* [*parmvalue*] [*explanation*]

Explanation: STROBE detected an error in the parameter *parmname*. If the parameter has a value, that value appears in *parmvalue*. If further information is available, it appears in *explanation*.

System Action: STROBE continues processing. If the error STROBE encountered is a table overflow error, STROBE processes only as many modules as it can fit in the table.

User Response: Review the input parameters to ensure that they are correct. Refer to “Creating Performance Profiles Using Procedures” in *STROBE MVS User's Guide* or *STROBE MVS User's Guide with Advanced Session Management* for more information.

STR2003W SQL PARAMETER MAXLEN CHANGED TO *new value*

Explanation: MAXLEN must be a multiple of 100.

System Action: The Reporter increases the value of MAXLEN to the next highest multiple of 100, which appears as a new value.

User Response: Change MAXLEN to be a multiple of 100.

STR2004W CONFLICTING REPORT PARAMETERS: *parm1* - *parm2*

Explanation: Two conflicting parameters, *parm1* - *parm2*, were supplied to the profiling request.

System Action: STROBE ignores the conflicting parameter and uses the default parameters.

User Response: Remove one of the parameters.

STR2005W INVALID TRANSACTION FILTER REQUEST. THE FORMAT OF THE TRANSACTION FILTER *tran* IS NOT VALID

Explanation: The specified filter *tran* is not one to four characters long with a wildcard (*) in the last position. If a set of transactions is filtered, the last significant character must equal an asterisk (*).

System Action: STROBE ignores the filter request and does not provide performance information for that set of transactions.

User Response: Enter a valid transaction name with a wildcard in the last position. Refer to the IBM CICS Resource Definition Guide for valid CICS transaction names.

STR2006W MORE THAN FIVE TRANSACTION FILTER REQUESTS WERE SPECIFIED

Explanation: STROBE can report detailed performance information for only five transactions or sets of transactions.

System Action: STROBE provides detailed performance information for the first five requests only.

User Response: Verify the number of filter requests and remove additional requests.

STR2007W INVALID {TLIBASE|RLIBASE} PARAMETER

Explanation: You entered a value for TLIBASE or RLIBASE that exceeds the maximum value of 99.99.

System Action: STROBE uses the default values of 00.001 seconds.

User Response: Enter a valid value.

STR2008I DUPLICATE PARAMETERS ENCOUNTERED- *parm1*

Explanation: You entered the same parameter, *parm1*, twice.

System Action: STROBE ignores the second parameter.

User Response: Remove the duplicate parameter from the Profile request.

STR2009I DUPLICATE TRANSACTION PROFILE REQUESTS SUBMITTED - *tran*

Explanation: You requested duplicate performance information for the transaction named *tran*.

System Action: STROBE ignores the second transaction.

User Response: Remove the duplicate transaction from the Profile request.

STR2050W HISTORY ALREADY EXISTS FOR *jobname/stepname/progname* date time reqnumber

Explanation: A measurement session history record already exists for the sample file identified by the job *jobname*, the step *stepname*, and the program *progname*. This measurement session history record was created on date *date* and time *time*. The STROBE request number for the sample data set was *reqnumber*.

System Action: STROBE continues creating a Performance Profile, but will not create a new measurement session history record.

User Response: None required. If you verify that this sample file is the sample file for which you now want to add information to the history database, you must first delete its existing measurement session history record. You can then create a new measurement session history record for this sample file.

STR2051W UNABLE TO LOAD STROBE HISTORY MANAGER

Explanation: STROBE was unable to locate its history manager component.

System Action: STROBE will not update the history data set.

User Response: Review the STROBE history manager installation instructions in the *STROBE MVS System Programmer's Guide* and verify that the appropriate STROBE libraries are loaded. If the problem persists, contact Compuware Technical Support.

STR2052W UNABLE TO CALCULATE *fieldname* FOR {TRANSACTION | DBRM} NAME *name*

Explanation: STROBE encountered either an overflow or an underflow condition and was unable to calculate the statistics given in *fieldname* for either the transaction or DBRM name identified in *name*.

System Action: STROBE will set the field identified in *fieldname* to zero. Some information in the history data set will be incomplete.

User Response: None required.

STR2053W COLLECTION OF HISTORY DATA IS TERMINATED

Explanation: The request for a measurement session history record for this measurement failed.

System Action: STROBE continues processing but no measurement session history record will be created.

User Response: Follow the response indicated in any accompanying STROBE messages that relate to measurement session history collection and reporting. If you entered the REPJOB or REPSTP parameters, ensure that you used the correct syntax.

STR2104W MAP DATA SET CONTAINS AN UNMAPPED CONTROL SECTION NAMED *csectname*

Explanation: Map data set information is compiled for the control section *csectname*, but this control section does not appear in the sample data set. The possible causes are:

- The control section exhibited less than the baseline percentage of execution samples specified with the BASELINE operand (default 2).
- A library in the STEPLIB, JOBLIB, or STRBLIB data definition statements does not have the correct name.
- The named library or libraries do not contain the named module.
- The named module is resident in the link pack area and your STROBE system programmer has not configured your STROBE system to obtain data from link pack area libraries.
- The job step was cancelled or timed out, preventing mapping.
- The control section contained one or more modules that were loaded with the Dynamic LPALIB Facility.

System Action: The Reporter continues execution but does not process Indexer data for the control section.

User Response: Check the BASELINE field on the Measurement Session Data report. If the BASELINE field does not appear on the report, STROBE used the default baseline.

Check that the map data set supplied to the Reporter is the proper map of the correct program. It must be the map data set of the program whose execution samples appear in the sample data

set.

Check for error messages produced by the measurement task that may indicate problems processing the load library. If the measurement task is unable to map the load module, the Reporter cannot accept the Indexer data.

STR2105W ERROR ADDING 4GL PROGRAM *program* TO CSECT TABLE FOR MODULE *modname*

Explanation: There is no room in an internal table to add the 4GL program named *program*.

System Action: The Reporter continues processing, but some attribution data may be incomplete.

User Response: Notify the STROBE system programmer.

STR2106W TOO MANY USER-SUPPLIED PSEUDO-CSECT NAMES

Explanation: You supplied more than the maximum number of names allowed in the COMPRES parameter.

System Action: STROBE does not report as pseudo-procedures activity in other modules with names that have been supplied by a user-written or a STROBE data collector program, or in the COMPRES parameter. It shows them as normal modules or control sections. The number of groups compressed with the COMPRES option and by data collector programs cannot total more than 25.

User Response: Review the description of the COMPRES parameter.

STR2108W ADDRESS NOT MAPPED - SAMPLE *sampnumber* PSW *psw* *modname* BASE *base* SIZE *size* MAP SIZE *mapsize*

Explanation: The PSW is not in a mapped portion of the module, but the Reporter detected fewer than 100 instances of the problem. The sample number is *sampnumber*, the PSW is *psw*, the module is *modname*, the base is *base*, the size is *size*, and the map size is *mapsize*.

System Action: The Reporter discards the sample and continues processing.

User Response: Notify the STROBE system programmer.

STR2109S ADDRESS NOT MAPPED - SAMPLE *sampnumber* PSW *psw* *modname* BASE *base* SIZE *size* MAP SIZE *mapsize*

Explanation: The PSW is not in a mapped portion of the module, and the Reporter has detected more than 100 instances of the problem. The sample number is *sampnumber*, the PSW is *psw*, the module is *modname*, the base is *base*, the size is *size*, and the map size is *mapsize*.

System Action: The Reporter terminates and does not produce a STROBE Performance Profile.

User Response: Notify the STROBE system programmer.

STR2110E TOO MANY CONTROL SECTIONS

Explanation: STROBE was unable to acquire sufficient storage to table all control sections for which mapping data may be required.

System Action: STROBE produces a Profile but might discard mapping data for some modules if its internal table cannot store all the information. If any mapping data is discarded, this message is followed by one or more occurrences of the message STR2108W, giving the names of the affected modules.

User Response: Notify the STROBE system programmer.

STR2111S TOO MANY {MODULES|DD STATEMENTS|I/O UNIT|VOLUME|SEGMENTS|FILE NAME COMBINATIONS}

Explanation: Input to the STROBE Reporter exceeded the Reporter's capacity. The limits are as follows:

Load modules	3196
Segments	255
DD statements	2119

Unit/volume/ddname combinations for data sets 2500

System Action: The Reporter does not produce a STROBE Performance Profile.

User Response: Notify the STROBE system programmer.

STR2112W INSUFFICIENT NUMBER OF EXECUTION SAMPLES

Explanation: The Reporter found fewer than 100 execution samples in the sample data set. The measurement session was too short or the initial sampling rate was too low.

System Action: STROBE produces a Performance Profile but the CPU reports are not statistically significant.

User Response: Rerun the measurement session, and specify a smaller estimate of minimum run time or a larger target sample size or both.

STR2113E FEWER THAN 100 SAMPLES - NO PROFILE PRODUCED

Explanation: Fewer than 100 samples are in the sample data set. The measurement session was too short or the initial sampling rate was too low.

System Action: STROBE does not produce a Performance Profile.

User Response: Rerun the measurement session, and specify a smaller estimate of minimum run time or a larger target sample size or both.

STR2116S UNSUCCESSFUL COMPLETION OF SORT. SORT RETURN CODE=*rc*

Explanation: The installation-supplied sort/merge program did not complete execution successfully. The return code returned by the sort/merge program is *rc*.

System Action: STROBE does not produce a Performance Profile.

User Response: Review the messages produced by the sort/merge program to determine the cause of the problem.

STR2120S INSUFFICIENT SPACE ON WORK FILE

Explanation: The Reporter SYSUT1 data set used all of its allocated direct access extents.

System Action: STROBE does not produce a Performance Profile.

User Response: Rerun the Reporter with a larger space allocation for the SYSUT1 data set.

STR2122W MAP DATA SET AND LOAD LIBRARY SIZES FOR CONTROL SECTION *csectname* DO NOT AGREE

Explanation: The size of a control section, *csectname*, as reported by the Indexer in the map data set, differs from the size the measurement task determined from the load library.

System Action: The Reporter uses data in the map data set, but the assignment of CPU time by procedure in the STROBE Performance Profile may be incorrect. However, some compiler options (such as the COBOL STATE option) extend a control section beyond the length reflected in the object code listing the Indexer processed. When such an option is in effect, this message will appear, but the Performance Profile will still be valid.

User Response: Ensure that you compiled and indexed the same source that was compiled to produce the measured program load module for the program. Ensure also that you used the same compiler options. To be sure, compile, index, and link edit the program again, and then perform another measurement session.

STR2124W TOO MANY TASKS

Explanation: Data for more than 563 tasks was placed in the sample data set.

System Action: STROBE produces the Performance Profile, but the activity for all tasks will be compressed into one detail line in the Time Distribution of Activity Level and Resource Demand Distribution reports.

User Response: Notify the STROBE system programmer.

STR2125W {SUBSYSTEM|MAPPROG LIST|STRBLIB LIST|WAIT EXCLUDE|DATA COLLECTION|REPORT TITLE|DB2 PROCEDURE|QUERY STATEMENT} TABLE OVERFLOW

Explanation: An overflow occurred in an internal table of the STROBE Reporter program.

System Action: STROBE produces a Performance Profile, but some data may be missing or inaccurate.

User Response: Notify the STROBE system programmer.

STR2126W LENGTH ERROR ON {SUBSYSTEM |WAIT EXCLUDE|DATA COLLECTION} TABLE

Explanation: STROBE detected an internal item length error in a STROBE subsystem, mapping list, or library list while processing the STROBE Performance Profile.

System Action: STROBE produces a Performance Profile, but the Measurement Session Data report is missing the corresponding data.

User Response: Notify the STROBE system programmer.

STR2127W OVERLAY CSECT NOT IN MAIN STORAGE - MODULE *modname* CSECT *csectname* COUNT *errorcount*

Explanation: STROBE attempted to sample an overlay segment that maps to module *modname* and segment *csectname* *errorcount* times, but the segment was not in virtual storage.

System Action: STROBE shows activity relative to the module base for the module *modname*.

User Response: Notify the STROBE system programmer.

STR2128W OVERLAY CSECT NOT IN MAIN STORAGE - SAMPLE *sampnumber* PSW *psw* *modname* BASE *base* SIZE *size*

Explanation: No overlay segment that maps the PSW *psw* was in virtual storage when STROBE collected sample number *sampnumber*.

System Action: STROBE shows activity relative to the module base for the module *modname*. The base is *base*, and the size is *size*.

User Response: Notify the STROBE system programmer.

STR2129C MISSING OVERLAY CSECTS MAXIMUM EXCEEDED

Explanation: While sampling, STROBE encountered more than 50 overlay segments that were not in virtual storage.

System Action: STROBE produces a Performance Profile, but some data in it may be inaccurate.

User Response: Notify the STROBE system programmer.

STR2130S {OPEN|CLOSE|READ|WRITE} ERROR ON DDNAME {STRSAMPL|SYSPRINT|SYSUT1} FILE STATUS = *status*

Explanation: The Reporter encountered an open, close, read, or write error while accessing the sample file STRSAMPL, the report file SYSPRINT, or an internal file SYSUT1. The file status is *status*. If access to SYSPRINT caused the problem, the Reporter displays this message on SYSOUT.

System Action: The Reporter terminates and does not produce a Performance Profile.

User Response: Verify the data set name. If the name is correct, notify the STROBE system programmer.

STR2131W {OPEN|CLOSE|READ|WRITE} ERROR ON DDNAME {STRMAP|SORTWORK} FILE STATUS = *status*

Explanation: The Reporter encountered an open, close, read, or write error while accessing the map data set STRMAP or the SORTWORK files. The file status is *status*.

System Action: The Reporter produces a Performance Profile, but no indexing data is available.

User Response: Verify the map data set name. If the name is correct, notify the STROBE system programmer.

STR2132W MODULE SIZES DO NOT AGREE - SAMPLE *sampnumber* *modname* BASE *base* SIZE *size* MAP SIZE *mapsize*

Explanation: The Reporter detected an inconsistency between a module size determined during the sampling process (in sample number *sampnumber* and module *modname*) and module

mapping data from a load library. The base is *base*, the size is *size*, and the map size is *mapsize*.

When STROBE reports *modname* as *.STROBEC*, *size* will be equal to the length of the private area. *.STROBEC* is the pseudo-section under which STROBE reports data capture routine activity.

STROBE issues this message if the module that should have been mapped resides in a library that was not in the order that STROBE searched. The order in which STROBE searches libraries to obtain module mapping data is specified in the *STROBE MVS User's Guide* and the *STROBE MVS User's Guide with Advanced Session Management*.

For example, STROBE issues this message when a third-party software loads modules in an order that is not the same as that specified by IBM standards.

System Action: The Reporter discards all mapping data and shows the locations of activity relative to the base address of the module.

User Response: If a copy of the module that should have been mapped resides in a library later in the search order than that found in the STROBE search order (specified in the *STROBE MVS User's Guide* or *STROBE MVS User's Guide with Advanced Session Management*) specify the appropriate library in the STROBE request. Otherwise, notify the STROBE system programmer.

STR2140W INDEX DATA FOR {*modname* | *dialog*, *process*} FROM A MAP DATA SET HAS NO MATCHING SAMPLE DATA

Explanation: STROBE produced map data set information for the module, ADS/O dialog, or DBRM named in *modname*, *dialog*, or *process*, but this information does not appear in the sample data set.

System Action: The Reporter continues execution but does not process Indexer data for the module, dialog, or DBRM.

User Response: Check that the map data set supplied to the Reporter is the proper map of the correct program. It must be the map data set of the program whose execution samples appear in the sample data set.

Check for errors produced by the measurement task that may indicate problems processing the partitioned data set. If the measurement task has not gathered sampling data for the module, the Reporter cannot accept the Indexer data.

STR2141W MAP DATA SET VERSION DOES NOT MATCH SAMPLE DATA SET VERSION OF *modname*

Explanation: The time stamp of module, ADS/O dialog, or DBRM (named in *modname*) reported by the Indexer in the map data set differs from the time stamp reported by the measurement task.

System Action: The Reporter discards the indexing data for that module, dialog, or DBRM and continues processing.

User Response: Check that the map data set supplied to the Reporter is the proper map of the correct program. It must be the map data set of the program whose execution samples appear in the sample data set.

STR2142W RECEIVED AN INVALID TITLE FROM {SAMPLE NUMBER *samnumber* | *indexname*} TITLE TYPE =*type*

Explanation: The Reporter encountered an invalid title of type *type* from either the sample data set with sample number *samnumber* or the Indexer program named *indexname*.

System Action: The Reporter produces a Performance Profile and attributes all CPU activity caused by the DBRM with an invalid title to the default title "CPU USAGE BY STATEMENT".

User Response: Notify the STROBE system programmer.

STR2143W NO ATTRIBUTION DATA FOR SQL IN *sqlname*

Explanation: The STROBE DB2 Feature identified SQL procedure or query *sqlname* as executing in the target address space, but it did not attribute any CPU or wait activity to that procedure or query.

System Action: STROBE produces a Performance Profile, but information for the procedure or query will be missing.

User Response: Rerun the measurement session and specify a larger target sample size.

STR2144W DURING MEASUREMENT THERE WAS AN EXTENDED PERIOD OF TIME DURING WHICH STROBE COULD NOT SAMPLE

Explanation: STROBE was unable to sample consistently during the measurement session. Because STROBE runs under a task while measuring, certain events may prevent STROBE from sampling. For example, STROBE may attempt to sample during a non interruptible unit of work, such as a type 1 SVC.

STROBE does not report activity during such events, but the rest of the measurement continues to be valid. This message appears when STROBE cannot identify activity for a significant percentage of the time.

System Action: STROBE produces a Performance Profile, but it may be incomplete.

User Response: Rerun the measurement session, requesting 10,000 samples. If you continue to receive the message, use other tools such as GTF trace to identify the activity that STROBE cannot.

STR2145S ERROR - SAMPLE FILE VERSION (*ver*) IS NOT CONSISTENT WITH REPORTER LEVEL (*lvl*)

Explanation: The level (*lvl*) of the Reporter was lower than the version (*ver*) of the sample file.

System Action: STROBE produces a Performance Profile, but it might be invalid.

User Response: Rerun the measurement session with the correct level of the Reporter.

STR2146E SAMPLE FILE SEQUENCE ERROR FOLLOWING SAMPLE NUMBER *sample*

Explanation: The Reporter detected an out-of-sequence condition in the sample data set following sample *sample*.

System Action: STROBE continues processing and creates a Performance Profile but it will be incomplete.

User Response: Notify the STROBE system programmer.

STR2147W ONE OR MORE TRANSACTIONS EXECUTED, BUT STROBE WAS UNABLE TO REPORT ON ASSOCIATED TRANSACTION COUNTS OR SERVICE TIME

Explanation: STROBE detected transactions executing but could not report on their transaction counts or service time. This could have been caused by the DL/I capture facility disabling itself.

System Action: STROBE continues processing. In the Performance Profile, the Transaction Summary Report includes CPU usage for the transactions but does not include their transaction counts or service time.

User Response: Check the STROBE log for additional messages and notify the STROBE system programmer.

STR2148I EXECUTION COUNT DATA FOR TRANSACTION(S) OR DIALOG(S) NOT AVAILABLE. ** INDICATES MISSING DATA**

Explanation: STROBE could not provide execution counts for one or more transactions or dialogs. The symbol **** appears in the execution count field of any transaction or dialog for which data was unavailable. Possible reasons for the data being unavailable include

- a counter rolled over
- a counter was reset
- a transaction and its associated counter were dynamically deallocated

System Action: STROBE produces a Performance Profile, but one or more execution count fields are flagged with **** to indicate missing data.

User Response: None required. To obtain the missing data, rerun the measurement session.

STR2149I FILTER REQUEST FOR TRANSACTION ({*tran*|*tran*,*tran*}) NOT PRESENT IN THE MEASUREMENT DATA

Explanation: The sample file does not contain sample data for transactions matching the requested transactions given in {*tran*|*tran*, *tran*}.

System Action: STROBE ignores the request to report detailed performance information for specified transactions.

User Response: Ensure that the transaction or sets of transactions you are requesting match those for which STROBE collected performance information. Correct the transactions and recreate the Performance Profile.

STR2150W UNDEFINED RESOURCE CLASS ENCOUNTERED -- RESOURCE CLASS=*class*

Explanation: STROBE encountered an unknown resource class *class*.

System Action: STROBE reports statistics for the class under the pseudo-section .NONCICS.

User Response: Notify the STROBE system programmer.

STR2151W UNDEFINED RESOURCE TYPE ENCOUNTERED -- RESOURCE TYPE=*type*

Explanation: STROBE encountered an unknown resource type, *type*.

System Action: STROBE reports the statistics for the class under the pseudo-section .NONCICS.

User Response: Notify the STROBE system programmer.

STR2152W INVALID TRANSACTION PROFILING SERVICE TIME DATA

Explanation: STROBE did not obtain a transaction count.

System Action: STROBE substitutes a value of 1 for calculation purposes.

User Response: Measure the application again. If the problem persists, notify the STROBE system programmer.

STR2153W CLASS NOT MAPPED - MODULE *modname*, CLASS *class* PSW *nnnnnnnn*

Explanation: The PSW, *nnnnnnnn*, does not fall within a mapped method for the class, *class*, but the class is identified to contain methods.

System Action: Activity is reported at the class level.

User Response: Measure the application again. If the problem persists, notify the STROBE system programmer.

STR2154W UNABLE TO PROCESS TRANSACTION PROFILE REQUEST FOR TRANSACTION- *tran*

Explanation: STROBE could not capture the necessary data to process the request for transaction, *tran*.

System Action: The STROBE Performance Profile reports are inaccurate for this transaction, *tran*.

User Response: Measure the application again. If the problem persists, notify the STROBE system programmer.

STR2155W LICENSE VERIFICATION FAILED RETURN CODE =*rc* REASON CODE = *erc*. INDEXING SUPPRESSED FOR *feature*

Explanation: License verification for the STROBE feature represented by *feature* failed. The return code is *rc* and the error reason code is *erc*.

System Action: STROBE creates a Performance Profile, but it does not contain indexing information for the feature identified in *feature*.

User Response: Contact Compuware Technical Support.

STR2156W LOAD FAILED FOR MODULE *modname*

Explanation: Module *modname* did not load.

System Action: STROBE creates a Performance Profile but it does not contain indexing information.

User Response: Notify the STROBE system programmer.

STR2157W ISTROBE FEATURE IS NOT LICENSED

Explanation: The iSTROBE Feature is not licensed for your site.

System Action: iSTROBE does not initialize.

User Response: Notify the STROBE system programmer.

STR2158W ERROR PROCESSING DDIO FILE. RETURN CODE=xxxx

Explanation: The Reporter failed to access indexing information from Compuware's CSS DDIO database. The CSS return code is *xxxx*.

System Action: STROBE continues creating a Performance Profile but the Profile will not contain indexing information from Compuware's CSS DDIO database.

User Response: Notify the STROBE system programmer.

STR2191W ERROR IN WRITING SORT-OUT FILE IN P11 PASS2

Explanation: STROBE encountered an error while the internal report record from the sort was being written.

System Action: STROBE continues processing and creates a Performance Profile but it will be incomplete.

User Response: Notify the STROBE system programmer.

STR2192E STORAGE REQUEST FAILED.TYPE=type, RC=rc, REASON=reason

Explanation: A request for additional storage failed.

System Action: STROBE continues processing but the information in the Performance Profile could be incomplete.

User Response: Notify the STROBE system programmer.

STR2200W UNDEFINED COMMAND ENCOUNTERED - COMMAND CODE=commandname

Explanation: STROBE encountered an unknown command, *commandname*.

System Action: The command does not appear on the reports.

User Response: Notify the STROBE system programmer.

STR2300S {OPEN|CLOSE|READ|WRITE} ERROR ON DDNAME {SYSUT1|SYSPRINT} FILE STATUS = status

Explanation: The Reporter encountered an open, close, read, or write error while accessing SYSUT1 or SYSPRINT. The file status is *status*. If access to SYSPRINT caused the problem, the Reporter displays this message on SYSOUT.

System Action: The Reporter terminates and does not produce a Performance Profile.

User Response: Verify the data set name. If the name is correct, notify the STROBE system programmer.

STR2310S {ALLOCATION|UNALLOCATION} ERROR FOR {PDF FILE|PDF WORK FILE|XML FILE|XML WORK FILE} REASON CODE=rsncode INFO CODE=infocode RET CODE=rc

Explanation: The Reporter encountered an allocation error while attempting to create or delete either the Profile data file or a Profile data workfile for use by APMpower or iSTROBE. The reason code is *rsncode*, the information code is *infocode*, and the system return code is *rc*.

System Action: STROBE stops processing and may not have created a Profile data file or a Profile data workfile.

User Response: Ensure that the unit name and volume serial number specified on the APMpower Parameters dialog box or the STROBE/ISPF ISTROBE PERFORMANCE PROFILE OPTIONS panel is correct and resubmit the request.

STR2320S {OPEN|CLOSE} ERROR ON {PDF FILE|PDF WORK FILE|XML FILE|XML WORK FILE} STATUS=status

Explanation: The Reporter encountered an I/O error while attempting to access a Profile data file or a Profile data workfile for use with APMpower or iSTROBE and shows the file status *status*.

System Action: STROBE stops processing and may not have created a Profile data file or a Profile data workfile.

User Response: If the problem is with a Profile data file, ensure that the unit name and volume serial number specified on the APMpower Create Profile Parameters dialog box or the STROBE/ISPF ISTROBE PERFORMANCE PROFILE OPTIONS panel is correct and resubmit the request. Also verify that the unit name specified with the &WORKUNIT parameter in the STRBDFLT panel is correct. If you believe the mainframe has insufficient space for the work file, you may change the parameters for a temporary work file. To do this, see “Specifying Parameters for a Temporary Workfile for APMpower or iSTROBE” in Chapter 6 of the *STROBE MVS User's Guide* or Chapter 8 of the *STROBE MVS User's Guide with Advanced Session Management*. You may also refer to the Troubleshooting chapter in *Installing APMpower*. Otherwise, notify the STROBE system programmer.

STR2400S UNSUCCESSFUL COMPLETION OF SORT IN *modname* - SORT RETURN CODE=*sortrc*

Explanation: The installation-supplied sort/merge program named in *modname* did not complete execution successfully and returned a sort return code of *sortrc*.

System Action: STROBE produces a Performance Profile but no attribution data appears in it.

User Response: Review the messages produced by the sort/merge program to determine the cause of the problem.

STR2401I ATTRIBUTION REPORT TOTALS WERE BELOW *percent* %

Explanation: Execution in all modules for which STROBE normally produces Attribution reports is below the specified baseline percentage *percent*.

System Action: STROBE produces a Performance Profile but no attribution data appears in it.

User Response: To generate the Attribution reports, use the Reporter ATTR=*nn.n* parameter (default 2) to set the baseline percentage below that displayed in the message.

STR2402W ATTRIBUTION TABLE OVERFLOW

Explanation: An internal table of the Reporter program overflowed. The maximum number of Reporter-related STROBE errors that can be reported exceeded the maximum of 50.

System Action: STROBE continues processing, but data in the Attribution reports may be incomplete.

User Response: Notify the STROBE system programmer.

STR2501I ADSO TABLE OVERFLOW

Explanation: An internal table of the Reporter program overflowed.

System Action: STROBE continues processing, but data in the ADS/O reports may be inaccurate.

User Response: Notify the STROBE system programmer.

STR2603I CICS ITEMS PROCESSED..... *nnn* SORT RECORDS WRITTEN *xxx*

Explanation: Indicates *nnn* number of records processed and *xxx* number of sort records written.

System Action: None required.

User Response: None required. This information appears for diagnostic purposes.

**STR2604I PERIODS.....*nnnn*
LASTPERIOD.....*xxxx***

Explanation: Indicates *nnnn* number of periods reported and *xxxx* number of periods processed.

System Action: None.

User Response: None required. This information appears for diagnostic purposes.

STR2605W COUNTER ROLLOVER OR CICS AUTOMATIC STATISTICS IN OPERATION - VALUES OF RESET COUNTERS HAVE BEEN ESTIMATED

Explanation: The CICS counters were reset to zero at least once during the session, for one of these reasons:

- The CICS counters rolled over.

- A user issued a reset command.

This message precedes two lines of data that list the values in the counter fields at the time of the last rollover.

System Action: STROBE estimates the values of the counters that have been set to zero and continues sampling. The CICS statistics in the Performance Profile may be inaccurate.

User Response: Determine the interval period from the STROBE system programmer and then remeasure the region with STROBE, knowing that the CICS statistics will be reset at the end of that interval.

STR2606E DATA FOR FEWER THAN 100 PERIODS RECEIVED

Explanation: Fewer than 100 periods are represented in the sample data set because the user issued a STOP, SWITCH, or QUIT command. These commands prevent STROBE from completing the measurement. You do not need to issue these commands because STROBE terminates automatically when it collects the target number of samples.

System Action: The reports STROBE produces in the CICS Performance Supplement may not be statistically significant.

User Response: Rerun the measurement session and do not issue a STOP or QUIT command.

STR2611I SORT OUTPUT RECORDS PROCESSED *nnn* INTERMEDIATE RECORDS WRITTEN *xxx*

Explanation: Indicates that *nnn* records were produced from the sort process and that *xxx* sorted records were processed.

System Action: None.

User Response: None required. This information is used for diagnostic purposes.

STR2612E INVALID REPORT NUMBER *nnn* time

Explanation: The Reporter encountered an invalid report number *nnn* at relative time *time* (beginning, during, or end) in the internal report file for the CICS supplement.

System Action: STROBE will create a Profile but it will not include CICS supplement information.

User Response: Notify the STROBE system programmer.

STR2613E INVALID REPORT START *nnn*

Explanation: The Reporter encountered an error in the internal Report file for the CICS supplement. The internal report number is *nnn*.

System Action: STROBE will create a Performance Profile but it will not include CICS supplement information.

User Response: Notify the STROBE system programmer.

STR2614E INVALID REPORT END *nnn*

Explanation: The Reporter encountered an error in the internal Report file for the CICS supplement. The internal report number is *nnn*.

System Action: STROBE will create a Performance Profile but it will not include CICS supplement information.

User Response: Notify the STROBE system programmer.

STR2615E INVALID XSU-RECORD-TYPE *type* time

Explanation: The Reporter encountered an error with record type *type* at relative time *time* (beginning, during, or end) in the Transaction Usage Summary report file for the CICS supplement.

System Action: STROBE will create a Performance Profile but it will not include CICS supplement information.

User Response: Notify the STROBE system programmer.

STR2616E INVALID DXP-RECORD-TYPE *type time* PERIOD *xxx* RESOURCE NAME *name* RESOURCE TYPE *type* BEGIN-END *v*

Explanation: The Reporter encountered an error with record type *type* at time *time* at period *xxx* in resource name *name* with resource type *type* at beginning and ending at *v*. The error occurred while processing the Time Distribution of Transactions, Inputs, Processing and Outputs report.

System Action: STROBE will create a Performance Profile but it will not include CICS supplement information.

User Response: Notify the STROBE system programmer.

STR2617E INVALID TRANSIENT DATA QUEUE TYPE *nnnn* (INITIALIZATION)

Explanation: The Reporter encountered an error in the internal Report file for the CICS supplement. Transient data queue type is *nnnn*.

System Action: STROBE will create a Performance Profile but the CICS supplement information will be incomplete. The Input - Output Activity report will not include the Number of Output Operations to Transient Data Queues section.

User Response: Notify the STROBE system programmer.

STR2622E INVALID REPORT NUMBER *nnn*

Explanation: The Reporter encountered an error in the internal Report file number for the CICS supplement. The internal report number is *nnn*.

System Action: STROBE will create a Performance Profile but the CICS supplement information will not be accurate.

User Response: Notify the STROBE system programmer.

STR2623E NEGATIVE DXA COUNT PERIOD = *xxx* VALUE = *value* OCCURRENCE = *occurrence*

Explanation: The STROBE sample file contains incorrect CICS terminal message count data for recording period *xxx*. The VALUE *value* and OCCURRENCE *occurrence* provide internal diagnostic information.

System Action: STROBE creates a Performance Profile; however, the CICS Time Distribution of Activity reports are incomplete.

User Response: Save the sample file and contact the STROBE system programmer.

STR2624E NEGATIVE DXS COUNT PERIOD = *xxx* MSG COUNT = *msgcount* TRANSIT SAMPLES = *samples* OCCURRENCE = *occurrence*

Explanation: The STROBE sample file contains incorrect CICS transaction service time data for recording period *xxx*. The MSG COUNT *msgcount*, TRANSIT SAMPLES *samples*, and OCCURRENCE *occurrence* provide internal diagnostic information.

System Action: STROBE creates a Performance Profile, however, the CICS Time Distribution of Transaction Activity reports are incomplete.

User Response: Notify the STROBE system programmer.

STR2625E NEGATIVE DDB COUNT PERIOD = *xxx* DB COUNT= *dbcount* OCCURRENCE = *occurrence*

Explanation: The STROBE sample file contains incorrect CICS Data Base Access statistical data for recording period *xxx*. The DB COUNT *dbcount* and OCCURRENCE *occurrence* are internal diagnostic information.

System Action: STROBE creates a Performance Profile; however, the CICS Time Distribution of Transaction Activity reports are incomplete.

User Response: Save the sample file and notify the STROBE system programmer.

STR2626W COUNTER ROLLOVER OCCURRED DURING THE MEASUREMENT SESSION

Explanation: The CICS counters were reset to zero at least once during the session. This could be caused by the CICS counters rolling over (passing zero) or by a user-initiated reset command. This message precedes two lines of data that list the values in the counter fields at the time of the last rollover.

System Action: STROBE estimates the values of the counters that have been set to zero and continues sampling. The CICS statistics in the Performance Profile might be inaccurate.

User Response: Save the sample data set, and contact the STROBE system programmer.

STR2627E INVALID STATE, *nnn*

Explanation: STROBE detected an error in the CICS supplement report file. *nnn* contains diagnostic information.

System Action: STROBE will produce a Performance Profile, but it will not include CICS information.

User Response: Notify the STROBE system programmer.

STR2628E INVALID ITEM TYPE *type*

Explanation: The Reporter encountered an invalid record of type *type* while producing the CICS supplement

System Action: STROBE will produce a Performance Profile but it will not include CICS information.

User Response: Notify the STROBE system programmer.

STR2650W HISTOGRAM SCALE CHANGED FOR QUERY *queryname* [PROC *procname*]

Explanation: Because of a table overflow error while creating the CPU Usage by SQL Statement report, STROBE encountered a Query (*queryname*) whose CPU usage was greater than the maximum previously calculated and printed. If the Query is part of a Procedure, then STROBE displays the Procedure name as well (*procname*).

System Action: STROBE continues printing the report. The numerical values in the CPU usage column are correct, but the histogram may not accurately depict the CPU usage.

User Response: To determine which statement consumed the most CPU time, refer to the numerical values in the CPU Usage column rather than the histogram spikes.

STR2651C HEADER RECORD MISSING FOR *queryname querytime*

Explanation: STROBE could not find the header record for Query *queryname*, compiled at *querytime*. This message can appear when you quit the measurement session, not allowing it to terminate normally. The Reporter is attempting to match attribution records with DBRM records that have not yet been written.

System Action: STROBE produces the Performance Profile, but the header information for Query *queryname* might be incomplete.

User Response: Notify the STROBE system programmer.

STR2701W HISTOGRAM SCALE CHANGED FOR 4GL PROGRAM NAME *progrname* IN LIBRARY *libname*

Explanation: An overflow occurred in an internal table of the STROBE Reporter program while processing data for the NATURAL 4GL program named *progrname* from the library *libname*.

System Action: STROBE continues printing the report. The numerical values in the CPU usage column are correct, but the histogram might not accurately depict the CPU usage.

User Response: To determine which statement consumed the most CPU time, refer to the numerical values in the CPU Usage column rather than the histogram spikes.

STR2702C HEADER RECORD MISSING FOR *progrname* LIB= *libname* TRANID= *tranid* DBID= *dbid* FNR= *fnr*

Explanation: The STROBE ADABAS/NATURAL Feature could not locate the header record for the NATURAL 4GL program *progrname*, from the NATURAL program library *libname*, transaction ID *tranid* (if executed under CICS), ADABAS database ID *dbid* (for the NATURAL program library), and ADABAS file number *fnr* (for the NATURAL program library).

System Action: STROBE produces the Performance Profile, but the header information for program *progrname* might be incomplete.

User Response: Notify the STROBE system programmer.

STR2703W MAP DATA SET VERSION DOES NOT MATCH SAMPLE DATA SET VERSION OF PGM=
progrname* LIB= *libname* DBID= *dbid* FNR= *fnr

Explanation: The Reporter detected a discrepancy between the map data set and the NATURAL 4GL program *progrname*, from the NATURAL program library *libname*, ADABAS database ID *dbid* (for the NATURAL program library), and ADABAS file number *fnr* (for the NATURAL program library).

System Action: STROBE produces a Performance Profile, but it does not contain any indexing information for program *progrname*.

User Response: Create a new map data set and resubmit the Performance Profile request.

STR2705W INSUFFICIENT DATA FOR PROGRAM NAME *progrname*

Explanation: The STROBE ADABAS/NATURAL Feature identified NATURAL 4GL program *progrname* as executing in the target address space, but it did not attribute any CPU or wait activity to that program.

System Action: STROBE produces a Performance Profile, but information for the NATURAL program is missing.

User Response: Rerun the measurement session, and specify a larger target sample size.

STR2780W HISTOGRAM SCALE CHANGED FOR DL/I TRANSACTION *trans* MODULE *modname* CSECT *csectname* PSB *psb*

Explanation: An internal table of the STROBE Reporter overflowed while processing data for DL/I (CPU or WAIT), transaction *trans*, module *modname*, csect *csectname*, PSB *psb*.

System Action: STROBE continues printing the report. The numerical values in the CPU usage column are correct, but the histogram might not accurately depict the CPU usage.

User Response: To determine which statement consumed the most CPU time, refer to the numerical values in the CPU Usage column rather than the histogram spikes.

STR2781W SSA TABLE OVERFLOWED FOR TRANSACTION *trans* MODULE *modname* CSECT *csectname* PSB *psb*

Explanation: An internal table of the STROBE Reporter overflowed while processing data for DL/I, transaction *trans*, module *modname*, csect *csectname*, PSB *psb*.

System Action: The Reporter writes the SSA table and continues processing.

User Response: Notify the STROBE system programmer. Online Reporter Messages

Online Reporter Messages

When executed with STROBE/ISPF, the Reporter returns the following messages.

STR2811W SCREEN SIZE PARAMETER ERROR

Explanation: The SCROLL keyword is missing or misspelled, or you have specified an invalid value for this screen size parameter. SCROLL must be a numeric value within the range from 24 through 99.

System Action: The online Reporter uses the default value of 24 and continues execution.

User Response: Ensure that the specified screen size parameter is correct and resubmit the request.

STR2812E UNRECOGNIZABLE REPORT TITLE

Explanation: The online Reporter encountered a Performance Profile report title that it does not recognize.

System Action: STROBE stops execution and produces an incomplete Performance Profile that includes any reports generated up to the line of error.

User Response: Notify the STROBE system programmer.

Sample Data Set Utility Program Messages

The sample data set utility program STRBDSPY returns the following message.

STR2900S {OPEN|CLOSE|WRITE} ERROR ON DDNAME {STRSAMPL|SYSPRINT} FILE STATUS = *status*

Explanation: The Sample Data Set Utility Program encountered an open, close, or write error while accessing the sample data set STRSAMPL or the report file SYSPRINT. The file status is *status*. If access to SYSPRINT caused the problem, the Reporter displays this message on SYSOUT.

System Action: The Sample File Display Program terminates.

User Response: Verify the data set name. If the name is correct, notify the STROBE system programmer.

Messages Returned by the STROBE COOL:Gen Feature

The STROBE COOL:Gen Feature, formerly the STROBE Composer/IEF Feature, returns the following messages.

STR2926C IEF SUMMARY REPORT EXCEEDED LIMITS

Explanation: An internal table has overflowed.

System Action: STROBE produces the IEF Summary report; however, the information in the report is incomplete.

User Response: Notify the STROBE system programmer.

STR2927C IEF AD-DET TABLE OVERFLOWED FOR ACTION DIAGRAM *action diagram*

Explanation: The IEF AD-DET table overflowed.

System Action: STROBE does not produce an IEF detail report for the action diagram *action diagram*.

User Response: Notify the STROBE system programmer.

STR2928C IEF TABLE OVERFLOWED FOR ACTION DIAGRAM *action diagram*

Explanation: The IEF AD-IEF table overflowed.

System Action: STROBE does not produce the IEF detail report for the action diagram *action diagram*.

User Response: Notify the STROBE system programmer.

STR2929C NO COMPOSER/IEF ACTION DIAGRAM SAMPLED OR UNSUPPORTED COMPOSER/IEF SCHEMA RELEASE NUMBER

Explanation: The STROBE COOL:Gen Feature did not identify a Composer, IEF or COOL:Gen generated module containing action diagram statements or the STROBE COOL:Gen Feature does not support the release of Composer, IEF or COOL:Gen that generated the application modules. Schema refers to an internal number that identifies the release level of the Composer, IEF, or COOL:Gen software.

System Action: STROBE continues sampling but does not create reports for the feature.

User Response: To determine the Schema Release Level number, see the SUBSYSTEM field on the Measurement Session Data report. If this field identifies a release level that the STROBE COOL:Gen Feature supports, measure a program that is experiencing more activity. If this field does not reflect a schema number then the STROBE COOL:Gen Feature could not determine the release level.

If there is no schema number, review the STROBE Program Usage Summary report and the Program Usage by Procedure report to see which modules STROBE identified.

Contact Compuware Technical Support to resolve the problem.

SQL Analysis Feature Messages Returned by the Reporter

The Reporter returns the following SQL Analysis Feature messages.

STR2950S INVALID SERVICE CALL REQUEST RETURN CODE = *rc*

Explanation: The Reporter generates this message when an invalid SQL Analysis Feature service call request is coded. The return code is *rc*.

System Action: The Reporter produces a .PDF Profile Data File, but it does not include any SQL Analysis Feature reports.

User Response: Contact Compuware Technical Support.

STR2951S STRANAr MODULE NOT FOUND RET CODE = *rc*

Explanation: The Reporter generates this message when the SQL Analysis Feature load module for DB2 release *rr* could not be located. The return code is *rc*.

System Action: The Reporter produces a .PDF profile data file, but it does not include any SQL Analysis Feature reports.

User Response: Notify the STROBE system programmer.

STR2952E SQL ANALYSIS FILE *iotype* ERROR OCCURRED

Explanation: The SQL Analysis Feature encountered the file error identified by *iotype*, which is either OPEN, READ, WRITE, or CLOSE. Processing for the current Performance Profile stops.

System Action: The Reporter produces a .PDF profile data file, but it does not include any SQL Analysis Feature reports.

User Response: If your site does not allow users to allocate temporary data sets to VIO, check that you have uncommented the allocation of the SYSTMP*mm* data sets and entered valid units for CLIST members APMPOWER and STROBE, and skeleton STRBPJCL. If the problem persists, contact Compuware Technical Support.

STR2953E DB2 RELEASE MISMATCH. SAMPLE IS *release1*. DSNLOAD IS *release2*. SQL ANALYSIS FEATURE NOT EXECUTED

Explanation: The release of DB2 in the sample file *release1* does not match the release of the DB2 load libraries, *release2*, provided to the SQL Analysis Feature component of the Reporter.

System Action: STROBE generates a .PDF Profile Data File but does not produce any SQL Analysis Feature reports.

User Response: Ensure that the DB2 load libraries provided for the Reporter execution are the same release as the load libraries used by the target program when the sample data set was created.

STR2954I MODULE *modname* AT VERSION *ver* PTF LEVEL *level*

Explanation: The SQL Analysis Feature module *modname* is at version *ver* and PTF level *level*. The verification program produces this message.

System Action: The verification program continues.

User Response: None required.

STR2955I DB2 VERSION FOR THIS EXECUTION IS *ver*. VERSION OBTAINED FROM DSNHDECP

Explanation: The DSNHDECP module obtained from the DB2 load library in the STEPLIB DD statement was at DB2 version *ver*.

System Action: The verification program continues.

User Response: None required.

STR2956E UNABLE TO FIND DBRM *dbrm* IN DBRMLIB. VERIFY THAT THE DBRMLIB IS CORRECT

Explanation: The verification program could not find the SQL Analysis Feature DBRM *dbrm* specified in the DBRMLIB DD statement.

System Action: The verification program continues and will end with a return code of 8.

User Response: Resubmit the job with the CNTL data set containing the DBRM used to bind the SQL Analysis Feature plan.

STR2957I PLAN *plan* PACKAGE *package* CONTOKENS MATCH

Explanation: The SQL Analysis Feature plan *plan* package *package* contains the DBRM that was shipped in the STROBE CNTL data set.

System Action: The verification program continues.

User Response: None required.

STR2958E PLAN *plan* PACKAGE *package* CONTOKENS DO NOT MATCH. PLEASE REBIND THE APMPOWER SQL ANALYSIS FEATURE PLAN

Explanation: The SQL Analysis Feature plan *plan* package *package* does not contain the DBRMs that are in the DBRMLIB DD statement.

System Action: The verification program continues and will end with a return code of 8.

User Response: Rebind the SQL Analysis Feature plan using the DBRMs shipped in the STROBE CNTL data set.

STR2959E PLAN *plan* PACKAGE *package* NOT FOUND IN THE DBRM TABLE. ENSURE THAT THE DBRMLIB IS CORRECT

Explanation: The bound SQL Analysis Feature plan *plan* package *package* in DB2 does not contain the DBRMs contained in the DBRMLIB DD statement.

System Action: The verification program continues and will end with a return code of 8.

User Response: Rebind the SQL Analysis Feature plan using the DBRMs shipped in the STROBE CNTL data set.

STR2960I EXECUTE AUTHORITY ON PLAN *plan* GRANTED TO *user1* BY *user2*

Explanation: The user identified by *user1* can execute the SQL Analysis Feature plan *plan*. The user identified by *user2* granted the authority.

System Action: The verification program continues.

User Response: None required.

STR2961W MODULE *modname* AT VERSION *ver* PTF *level* IS DOWN LEVEL. PLEASE DELETE FROM THE LOAD LIBRARY

Explanation: The SQL Analysis Feature module *modname* is at a lower version and PTF level than other SQL Analysis Feature modules found in the STROBLIB DD data set. The version is *ver* and the PTF level is *level*.

System Action: The verification program continues and will end with a return code of 4.

User Response: Compuware suggests that you delete the older modules from the STROBE library.

STR2962E UNABLE TO READ STROBLIB DIRECTORY OR THE SQL ANALYSIS FEATURE IS NOT INSTALLED

Explanation: Either STROBE encountered an error while reading the STROBLIB directory or it found no SQL Analysis Feature modules.

System Action: The verification program terminates with a return code of 8.

User Response: Notify the STROBE system programmer.

STR2963E LINK TO THE SQL ANALYSIS FEATURE FOR VERSION FAILED

Explanation: The verification program was unable to link the SQL Analysis Feature modules to obtain version and PTF information.

System Action: The verification program continues and will end with a return code of 8.

User Response: Notify the STROBE system programmer.

STR2964E NO DSNHDECP MODULE FOUND

Explanation: The verification program was unable to locate the DB2 module DSNHDECP to obtain DB2 version information.

System Action: The verification program terminates with a return code of 8.

User Response: Supply the correct DSNLOAD data set in the STEPLIB DD.

STR2965E DB2 RETURNED A NON ZERO RETURN CODE. ABEND U0099 FOLLOWS. CHECK REG 15 AND REG 0

Explanation: STROBE received a nonzero return code from DB2 when attempting to obtain DB2 catalog information about the SQL Analysis Feature plan.

System Action: The verification program terminates with a user ABEND of U0099.

User Response: Determine the cause of the SQL Analysis Feature failure and resubmit the job.

Messages Returned by Data Collectors

Data collector programs return the following messages.

STR4110E GETMAIN FAILURE - CICS DATA COLLECTOR DISABLED

Explanation: A GETMAIN failure occurred when the CICS data collector was trying to obtain virtual storage for its work area. You can produce a Performance Profile without the CICS Performance Supplement.

System Action: STROBE continues sampling without the CICS data collector.

User Response: Notify the STROBE system programmer.

STR4114E *subsys* RELEASE NOT SUPPORTED

Explanation: STROBE does not support the version of the measured subsystem *subsys*.

System Action: STROBE continues sampling without the data collector for that subsystem. Attribution reports for the named subsystem will be incomplete.

User Response: Notify the STROBE system programmer.

STR4116E CICS MODULE IDENTIFICATION SERVICE NOT INITIALIZED

Explanation: STROBE was unable to initialize the CICS data collector.

System Action: STROBE continues sampling without the CICS data collector.

User Response: Notify the STROBE system programmer.

STR4118E LOAD OF *modname* FAILED - CICS DATA COLLECTOR DISABLED

Explanation: STROBE could not invoke the CICS Feature because it could not find the module *modname*.

System Action: STROBE continues sampling without the CICS data collector.

User Response: Notify the STROBE system programmer.

STR4120E GETMAIN FAILURE - *modname* DISABLED

Explanation: A GETMAIN failure occurred when the *modname* tried to obtain virtual storage for its work area.

System Action: STROBE continues sampling, but the reports in the CICS Performance Supplement might be incomplete.

User Response: Notify the STROBE system programmer.

STR4122E ABEND THRESHOLD EXCEEDED - *modname* DISABLED

Explanation: The CICS data collector encountered a severe error in *modname*.

System Action: STROBE continues sampling, but the reports in the CICS Performance Supplement may be incomplete.

User Response: Notify the STROBE system programmer.

STR4124E *modname* DETECTED CORRUPTION OF CICS FEATURE CONTROL BLOCK - MODULE DISABLED

Explanation: Control section *modname* detected a storage corruption problem within STROBE-managed storage.

System Action: STROBE continues sampling without the CICS data collector.

User Response: Notify the STROBE system programmer.

STR4125E *modname* DISABLED - INITIALIZATION INCOMPLETE

Explanation: STROBE module *modname* failed to properly initialize itself at the start of a STROBE measurement session.

System Action: The services provided by *modname* will not be available during the measurement session. The STROBE CICS Feature will continue collecting data, but the data will be incomplete.

User Response: Notify the STROBE system programmer.

STR4126E DBCTL DATA COLLECTION DISABLED

Explanation: A severe error occurred in the CICS DBCTL data collector.

System Action: STROBE continues sampling without the CICS DBCTL data collector.

User Response: Examine the log for previously issued messages to determine why the CICS DBCTL data collector failed.

STR4128I DBCTL CONNECTION NOT ACTIVE; DBCTL DATA COLLECTOR QUIESCED

Explanation: An active CICS/DBCTL connection was not present when the STROBE measurement session began.

System Action: STROBE continues sampling without the CICS DBCTL data collector. The Performance Profile will not contain any DBCTL-specific information.

User Response: Ensure that the CICS/DBCTL connection is active before you begin a measurement request. If not, use the CICS transaction CDBC to activate it. Once the connection is active, resubmit the measurement request.

STR4130E INVALID INPUT - *modname*

Explanation: A STROBE driver invoked the STROBE module *modname* with an invalid parameter.

System Action: STROBE continues sampling; the STROBE CICS Feature is not disabled.

User Response: Notify the STROBE system programmer.

STR4131I *modname* - PLACED OUT OF SERVICE

Explanation: The STROBE CICS Feature disabled STROBE module *modname*.

System Action: STROBE continues sampling, however the STROBE CICS Feature attribution and module identification functions are disabled.

User Response: Notify the STROBE system programmer.

STR4210W SAMPLING TERMINATED BEFORE LIMIT REACHED - CICS SUPPLEMENT WILL BE INCOMPLETE

Explanation: The measurement session terminated before reaching the target sample size because the user directed it to do so.

System Action: STROBE produces the Performance Profile, but the CICS Performance Supplement is incomplete.

User Response: Resubmit the measurement request, specifying LIMIT=QUIT. STROBE terminates the request when it reaches the target number of samples.

STR4211E GETMAIN FAILURE IN *csectname* - CICS STATISTICS NOT PRODUCED

Explanation: A GETMAIN failure occurred when the CICS data collector in the control section *csectname* was trying to obtain virtual storage for a work area.

System Action: STROBE continues sampling but the CICS Performance Supplement reports are missing from the Performance Profile.

User Response: Notify the STROBE system programmer.

STR4212E STROBE STARTED DURING CICS INITIALIZATION - CICS STATISTICS NOT PRODUCED

Explanation: STROBE started sampling while CICS was being initialized.

System Action: STROBE continues sampling, but the CICS Performance Supplement reports are missing from the Performance Profile.

User Response: Resubmit the job after CICS is initialized.

STR4213E CICS TERMINATING WHILE SAMPLING - STATISTICS NOT PRODUCED

Explanation: CICS terminated while STROBE was sampling.

System Action: STROBE continues sampling, but the reports in the CICS Performance Supplement could be incomplete.

User Response: None required.

STR4214E ABEND IN CPS DATA COLLECTOR - CICS PERFORMANCE SUPPLEMENT WILL BE INCOMPLETE

Explanation: STROBE encountered an ABEND while gathering statistics for the CICS Performance Supplement.

System Action: STROBE continues sampling, but the reports in the CICS Performance Supplement will be incomplete.

User Response: Notify the STROBE system programmer.

STR4215W TRANSACTION PROFILING NOT SUPPORTED FOR RELEASE *x.x*

Explanation: The STROBE CICS Feature detected an unsupported release of CICS, *xx*. STROBE cannot collect the performance information for the Transaction Profile.

System Action: STROBE continues processing, but does not collect performance information for the CICS Transaction Profile.

User Response: Verify that the CICS environment is V4.1 or greater.

STR4216W TRANSACTION *tran* MAY BE A SYSTEM TRANSACTION, WHICH MAY NOT BE PROFILED

Explanation: You requested detailed performance information for the transaction *tran* and used a wildcard (*). However, the name of the transaction you specified could conflict with the names of existing CICS system transactions.

System Action: STROBE continues processing. If the transaction is a CICS transaction, STROBE will not supply detailed performance information for the transaction.

User Response: IBM transactions begin with the letter "C". To reduce potential conflicts with system transactions, user transactions starting with "C" should be fully qualified. Do not use a wildcard (*).

STR4217E LOAD OF *modname* FAILED - TRANSACTION PROFILING DISABLED

Explanation: The STROBE CICS Feature could not provide detailed performance information for transactions because it could not locate the module *modname*.

System Action: STROBE continues sampling, but does not gather detailed performance information for CICS transactions.

User Response: Notify the STROBE programmer.

STR4218E CICS TRANSACTION PROFILING DATASPACE *dataspace-id* FULL CONDITION AT SAMPLE *sample*

Explanation: Dataspace *dataspace-id*, used to collect detailed performance information, failed because it encountered a full condition at sample. The dataspace identification numbers relate to these dataspace:

Dataspace ID Dataspace

01	Service Time Dataspace
02	Queue Scan Profiled Transaction Dataspace
03	Queue Scan Non-profiled Transaction Dataspace
04	Region Level Dataspace

System Action: STROBE continues processing, but cannot collect performance information for the CICS Transaction Profile.

User Response: Increase the size of the dataspace with the CICS=DSSIZE parameter. See the STROBE CICS Feature for more information.

STR4219E TRANSACTION PROFILING GETMAIN BUFFER FAILURE -- *reason*

Explanation: STROBE was unable to obtain the required buffer area to gather detailed performance information for CICS transactions. There is not enough available virtual storage to satisfy requirements for the Transaction Queue Scan Buffer or the Bridge Transaction Buffer because of reason.

System Action: STROBE continues processing, but is unable to collect performance information for the CICS Transaction Profile.

User Response: Specify a larger region size.

STR4220W TRANSACTION *tran* IS A SYSTEM TRANSACTION AND CANNOT BE PROFILED

Explanation: The CICS transaction *tran* you specified when you submitted the measurement request is a CICS system transaction.

System Action: STROBE continues processing, but does not gather detailed performance information for the transaction *tran*.

User Response: Enter only user transactions, not CICS system transactions, into the transaction detail list.

STR4221E CICS TRANSACTION PROFILING DISABLED

Explanation: STROBE cannot collect performance information for the Transaction Profile because it encountered a severe error.

System Action: STROBE continues processing without collecting detailed performance information for the transaction.

User Response: Review the error messages in the STROBE log and follow the recommended response.

STR4224E UNABLE TO PLACE CICS SERVICE TIME CAPTURE, RETURN CODE FROM STRBGMIM = *rc*

Explanation: The STROBE CICS Feature received a non-zero return code *rc* from STRBGMIM, indicating an error condition.

System Action: STROBE continues processing, but cannot collect performance information for the CICS Transaction Profile.

User Response: Contact Compuware Technical Support.

STR4225E CICS SERVICE TIME CAPTURE DISABLED

Explanation: The CICS service time capture experienced a severe error.

System Action: STROBE continues processing but cannot collect performance information for the Transaction Profile. The transactions counts and service times in the CICS Transaction Profile Report are inaccurate.

User Response: Notify the STROBE programmer.

STR4227E *modname* INTERNAL ERROR-*reason-code*

Explanation: A STROBE CICS Feature module, *modname*, experienced a severe internal error.

System Action: STROBE continues processing, but cannot collect performance information for the Transaction Profile. STROBE produces CICS Transaction Profiling Reports, but the counts and service times are inaccurate.

User Response: Notify the STROBE system programmer.

STR4228E CICS SERVICE TIME EXIT MODULE NOT FOUND

Explanation: The STROBE CICS Feature was unable to locate the CICS service time exit module at the initiation of the Measurement Session.

System Action: STROBE continues processing, but cannot collect performance information for the CICS Transaction Profile.

User Response: Contact Compuware Technical Support.

STR4229E UNEXPECTED MODULE HEADER LENGTH ENCOUNTERED

Explanation: The STROBE CICS Feature encountered an unexpected length in the module header for the CICS service time exit module.

System Action: STROBE continues processing, but does not collect performance information for the Transaction Profile.

User Response: Contact Compuware Technical Support.

STR4230E ERROR IN DATASPACE API FUNCTION *function* DATASPACE *dataspace-id* RC *return code*

Explanation: The STROBE CICS Feature encountered an error when issuing a call for function *function* dataspace *dataspace-id* to the STROBE dataspace API. The *dataspace-ids* are:

Dataspace ID	Dataspace
01	Service Time Dataspace
02	Queue Scan Profiled Transaction Dataspace
03	Queue Scan Non-profiled Transaction Dataspace
04	Region Level Dataspace

System Action: STROBE continues processing, but cannot collect performance information for the CICS Transaction Profile. STROBE produces the CICS Transaction Profile reports, but the counts and service times are inaccurate.

User Response: Notify the STROBE system programmer.

STR4231E CICS SERVICE TIME CAPTURE LOST DATA FOR nn.nn SECONDS. TRANSACTIONS NOT RECORDED = *tran*

Explanation: STROBE did not record *tran* CICS transactions because the buffer size was not large enough. The STROBE CICS Feature could not collect data for *nn.nn* seconds.

System Action: STROBE continues processing, but the reported transaction counts and service times could be inaccurate.

User Response: Specify a larger buffer with the CICS=CAPTBUFF parameter on the OTHERS panel, or increase the sampling rate to allow STROBE to empty the buffer more frequently.

STR4232E ABEND THRESHOLD EXCEEDED - *modname* DISABLED

Explanation: The STROBE CICS Feature encountered a severe error in module *modname*.

System Action: STROBE continues sampling, but CICS-specific reports could be incomplete.

User Response: Notify the STROBE system programmer.

STR4233E CICS SERVICE TIME CAPTURE DISABLED DUE TO LOST DATA

Explanation: The Service Time buffer exceeded the limit of buffer full conditions.

System Action: STROBE continues sampling, but cannot collect performance information for the CICS Transaction Profile. The CICS Transaction Profiling reports could be incomplete.

User Response: Specify a larger buffer through the CICS=CAPTBUFF parameter or increase the sampling rate to allow STROBE to empty the buffer more frequently.

STR4234E CICS TRANSACTION PROFILING DISABLED DURING MEASUREMENT AT SAMPLE number

Explanation: The STROBE CICS Feature was disabled during the measurement of sample number.

System Action: STROBE continues processing without collecting performance information for the CICS Transaction Profile. Other STROBE reports are complete.

User Response: View the STROBE log error messages and follow the recommended response.

STR4235W TRANSACTION PROFILE NOT AVAILABLE-DEFAULT TO CICS PERFORMANCE SUPPLEMENT

Explanation: The STROBE CICS Feature could not locate module STRBTXP and, therefore, could not complete the Transaction Profile request.

System Action: STROBE continues sampling, but only collects CICS Performance Supplement statistics.

User Response: Verify the installation of the STROBE CICS Feature and contact Compuware Technical Support.

STR4310E GETMAIN FAILURE - IMS DATA COLLECTOR DISABLED

Explanation: A GETMAIN failure occurred when the IMS data collector was trying to obtain virtual storage for its work area.

System Action: STROBE continues sampling without the IMS data collector.

User Response: Notify the STROBE system programmer.

STR4320E IMS RELEASE OR REGION TYPE NOT SUPPORTED - DATA COLLECTOR DISABLED

Explanation: STROBE does not support the type of IMS region in which the target job is running. STROBE supports Message Processing Regions (MPRs), IMS Fast Path regions (IFPs), Batch Message Processing regions (BMPs), Data Language/One batch applications (DL/I), control regions (CTL), and DL/I Separate Address Spaces (DLISAS).

System Action: STROBE continues sampling without the IMS data collector.

User Response: Notify the STROBE system programmer.

STR4410E GETMAIN FAILURE - DB2 DATA COLLECTOR DISABLED

Explanation: A GETMAIN failure occurred when the DB2 data collector was trying to obtain virtual storage for its work area.

System Action: STROBE continues sampling without the DB2 data collector.

User Response: Notify the STROBE system programmer.

STR4501E GETMAIN FAILURE - IDMS DATA COLLECTOR STRBIDMS DISABLED

Explanation: A GETMAIN failure occurred when the CA-IDMS data collector was trying to obtain virtual storage for its work area.

System Action: STROBE continues sampling without the CA-IDMS data collector.

User Response: Increase the region size and resubmit the request. Notify the STROBE system programmer.

STR4502E IDMS CV NUCLEUS REFRESHED - DATA COLLECTION DISABLED

Explanation: The CA-IDMS nucleus was refreshed while the measurement task was sampling.

System Action: STROBE continues sampling without the CA-IDMS data collector. The CA-IDMS and ADS/O Attribution reports in the Performance Profile will be incomplete.

User Response: Rerun the measurement session after the CA-IDMS nucleus refresh is completed.

STR4503E IDMS DATA COLLECTION MODULE - STRBmodname - NOT IN STROBE LIBRARY

Explanation: The CA-IDMS data collector or DML batch attributor attempted to load the release-specific data collection module STRBmodname, but did not find the module.

System Action: STROBE continues sampling without CA-IDMS data collection or DML batch attribution data.

User Response: Notify the STROBE system programmer.

STR4601E GETMAIN FAILURE - CICS/DBCTL SUPPLEMENT DISABLED

Explanation: A GETMAIN failure occurred when the CICS/DBCTL data collector attempted to obtain virtual storage for a work area.

System Action: STROBE continues sampling without CICS/DBCTL attribution data.

User Response: Increase the region size and resubmit the request. Notify the STROBE system programmer.

STR4602E CICS/DBCTL RELEASE NOT SUPPORTED

Explanation: STROBE attempted to measure a CICS/DBCTL region running an unsupported release of either IMS or CICS.

System Action: STROBE continues sampling without CICS/DBCTL attribution data.

User Response: Notify the STROBE system programmer.

STR4701E ADABAS RELEASE NOT SUPPORTED

Explanation: STROBE attempted to measure an ADABAS region that was running a release of ADABAS that STROBE does not support.

System Action: STROBE continues sampling but does not collect ADABAS data.

User Response: Notify the STROBE system programmer.

STR4800E MQSERIES DATA COLLECTION DISABLED - reason code

Explanation: STROBE disabled MQSeries Feature processing because of reason. The possible reasons are:

- invalid input to routine STRBDCSQ
- invalid input to subroutine
- abend threshold exceeded
- unable to access the required MVS data
- invalid input to STRBCSQC
- invalid input to STRBCSQT
- abend threshold exceeded STRBSCQC
- abend threshold exceeded STRBCSQT
- invalid ALET returned by #PC service
- Internal diagnostic data for *reason* is given in *code*.

System Action: STROBE continues sampling without collecting MQSeries data.

User Response: Contact Compuware Technical Support.

STR4801I MQSERIES DATA COLLECTION DISABLED: reason

Explanation: STROBE disabled the MQSeries Feature processing because of reason. The possible reasons are:

- threshold for undefinable queue managers exceeded
- release of MQSeries is not supported
- measurement of a queue manager address space is not supported

- could not obtain working storage
- no queue managers defined to MVS
- task in sample is not connected to a queue manager.

System Action: STROBE continues sampling without collecting more MQSeries data.

User Response: Notify STROBE system programmer. If the task was not connected to a queue manager, initiate a connection to the appropriate queue manager for the task.

STR4802E MQSERIES ATTRIBUTION DISABLED-*reason*

Explanation: STROBE disabled MQSeries Feature processing because of reason. The possible reasons are:

- invalid input to routine STRBACSQ or
- the abend threshold was exceeded

System Action: STROBE continues sampling, but does not attribute some activity in MQSeries modules.

User Response: Notify the STROBE system programmer.

STR4803I MQSERIES ATTRIBUTION DISABLED -- COULD NOT OBTAIN WORKING STORAGE

Explanation: The Measurement Facility disabled the MQSeries attributor because the STROBE MQSeries Feature could not obtain storage for an internal work area.

System Action: STROBE system programmer.

STR4804I ATTRIBUTION OF USER'S COMMON MQSERIES USER MODULE IS DISABLED-*reason*

Explanation: The STROBE MQSeries Feature does not identify the caller of the user's common MQSeries user module because of reason. The possible reasons are:

- the common user module is the module being measured
- the threshold for the number of failed attempts to identify the invoker has been reached

System Action: STROBE continues processing. The STROBE MQSeries Feature collects other data, but does not identify the invokers of the MQSeries common user module.

User Response: Notify the STROBE system programmer. To identify the invoker of the common user module issuing the MQSeries APIs, separate the common user module from the one being measured. If the number of failed identifications of the common user module exceeds the threshold during the measurement, ensure that you are using the standard MVS linkage conventions for the common user module and the module that invoked it. If you are measuring a CICS region, ensure that you are using CICS calling conventions.

STR4805I MQSERIES TRANSACTION PROFILING DATA SPACE FULL AT SAMPLE NUMBER-*number*

Explanation: The STROBE MQSeries Transaction Profiling Dataspace encountered a full condition for the sample number *number*.

System Action: STROBE continues processing, but does not create queue tokens to be used by the CICS Transaction Profile Function.

User Response: Increase the data space size by increasing the CICS=DISSIZE parameter

STR4806I MQSERIES FOR TRANSACTION PROFILING DISABLED BY *strbcsqt*

Explanation: The MQSeries component, *strbcsqt*, encountered a severe error.

System Action: STROBE continues processing, however, the MQSeries data will not appear in CICS Transaction Profile reports.

User Response: Notify the STROBE system programmer.

STR4807E LOAD OF CICS TASK TABLE *modname* FAILED - CICS DATA COLLECTOR DISABLED

Explanation: The STROBE CICS Feature was unable to load the table of CICS system transactions. The CICS data collector is disabled.

System Action: STROBE continues processing, but does not collect CICS data.

User Response: Verify that the CICS System Task Table STRBTASK is in the appropriate load library.

STR4901E JVM DATA COLL STRBJDC1 DISABLED BECAUSE [text]

Explanation: The data collector STRBJDC1 encountered a situation preventing it from continuing to process samples. It disables itself and measurement continues without further JVM measurement. One of the following messages appears in *text*:

- MODULE COULD NOT OBTAIN WORKING STORAGE - STRBJDC1 attempted to obtain working storage for itself or for the JVM Global Workarea but the Storage Obtain function failed.
- RELEASE *x.x.x* OF JVM IS NOT SUPPORTED - STRBJDC1 found a release *x.x.x* of JVM which is not supported by the STROBE JVM feature.
- TOO MANY TOKEN COMPRESSION ERRORS - STRBJDC1 encountered an excessive number of errors when tokenizing java names.

System Action: STRBJDC1 stops processing the sample and disables itself. Measurement may continue but no further JVM sample processing takes place.

User Response: For a message concerning storage, contact your STROBE system programmer. For a message concerning the JVM release, ensure that the version of JVM you are trying to measure is supported by the version of STROBE in use. For a message concerning token compression errors, contact Compuware Technical Support.

STR4902W SAMPLE IGNORED BY STRBJDC1 BECAUSE [text]

Explanation: The data collector STRBJDC1 cannot successfully process the current sample. It issues a warning message and exits. One of the following messages appears in *text*:

- DCICALL2 WAS OUTSIDE RANGE - STRBJDC1 was called with an argument value outside the permissible range of values. The JVM processing portion ends for that sample but measurement continues.
- DCICALL2 WAS ZERO - STRBJDC1 was called with an argument value of zero. The JVM processing portion of that sample by STRBJDC1 ends but measurement continues.
- LONGNAME TOKEN COMPRESSION ERROR - The longname token subroutine called by STRBJDC1 exited with a return code greater than 4. STRBJDC1 stops processing that particular sample but measurement continues.
- LONGNAME EXCEEDED BUFFER SIZE - The longname handled by STRBJDC1 exceeded the permissible length. STRBJDC1 stops processing the sample but measurement continues.

System Action: STRBJDC1 ceases processing the current sample, but sample processing continues. STRBJDC1 continues processing with the next sample.

User Response: For a message concerning buffer size, ensure that the names which are in use are within the length of name supported by the version of STROBE in use. For all other messages, contact Compuware Technical Support.

STR4911E JVM DATA COLL STRBJDC2 DISABLED BECAUSE [text]

Explanation: The data collector STRBJDC2 encountered a situation preventing it from continuing. It disables itself and measurement continues without further JVM measurement. One of the following messages appears in *text*:

- MODULE DID NOT OBTAIN WORKING STORAGE - STRBJDC2 attempted to obtain working storage for itself but the Storage Obtain function returned an error code.
- MODULE COULD NOT OBTAIN GLOBAL STORAGE - STRBJDC1 attempted to obtain working storage for the JVM Global Workarea but the Storage Obtain function returned an error code.

System Action: STRBJDC2 stops processing the sample and disables itself. Measurement may continue but no further JVM sample processing takes place.

User Response: Contact Compuware Technical Support.

STR4912W SAMPLE IGNORED BY STRBJDC2 BECAUSE [text]

Explanation: Explanation: The data collector STRBJDC1 cannot successfully process the current sample. It issues a warning message and exits. One of the following messages appears in *text*:

- DCICALL2 WAS OUTSIDE RANGE - STRBJDC2 was called with an argument value outside the permissible range of values. The JVM processing portion ends for that sample but measurement continues.
- DCICALL2 WAS ZERO - STRBJDC2 was called with an argument value of zero. The JVM processing portion of that sample by STRBJDC2 ends but measurement continues.
- SAMPLE CALL NOT A DIRECTED CALL - STRBJDC2 was called during sample time but the call was not a directed call. STRBJDC2 stops processing that particular sample but measurement continues.
- CALLER NOT IN CALLER TABLE - STRBJDC2 was not activated by a legal caller. STRBJDC2 stops processing the sample but measurement continues.

System Action: STRBJDC2 ceases processing the current sample, but sample processing continues. STRBJDC2 continues processing with the next sample.

User Response: Contact Compuware Technical Support.

STR4921E JVM ATTRIBUTER STRBJVMA DISABLED BECAUSE [text]

Explanation: A failure occurred in the STROBE Java Feature Attributor. The explanation appears in *text*:

- MODULE COULD NOT OBTAIN WORKING STORAGE -- The STROBE Java Feature Attributor was unable to obtain storage for its work area
- MODULE COULD NOT OBTAIN GLOBAL WORK AREA -- The STROBE Java Feature Attributor was unable to obtain storage for use by the modules that comprise the STROBE Java Feature
- JVM RELEASE NOT SUPPORTED -- the release level of the Java Virtual Machine is not supported by STROBE.

System Action: STROBE continues sampling but the STROBE Performance Profile will be incomplete.

User Response: Notify the STROBE system programmer.

STR4922W JVM ATTRIBUTER STRBJVMA ERROR PROCESSING TARGET DATA. ATTRIBUTION CONTINUES, BUT WILL LOCATE THE MAIN METHOD.

Explanation: A failure occurred in the STROBE Java Feature Attributor when processing Java targeting information.

System Action: STROBE continues sampling but the JAVA CPU USAGE BY CALLED METHOD and JAVA WAIT TIME BY CALLED METHOD reports in the STROBE Performance Profile will not reflect the requested targets.

User Response: Notify the STROBE system programmer.

STR4930W THE JAVA FEATURE ENCOUNTERED JAVA METHOD NAMES GREATER THAN 1024 BYTES nnnnnn TIMES DURING SAMPLING

Explanation: *nnnnnn* is the number of times that the Java Feature encountered a method name greater than 1k during sampling.

System Action: The STROBE Java Feature will not include those samples in any of its reports.

User Response: None required.

Messages Returned in Response to Sampling Control Commands

The STROBE measurement task returns the following messages in response to sampling control commands sent to the STROBE measurement task via the STROBE SEND operation.

STR5300I STROBE SESSION ENDED AT *time* ON *date* FOR JOB *jobname*, REQUEST *nnnn*

Explanation: A STROBE measurement session ended at time *time* on date *date*, jobname *jobname*, and request number *nnnn*.

STROBE issues this message when the NOTIFY parameter was specified on the ADD operation.

System Action: STROBE has completed sampling.

User Response: None required.

STR5301I STROBE RUNNING [- SsssDddd HAS tttt/eeee SAMPLES]

Explanation: STROBE received a START or STATUS command. The sample data set whose low-order name syllable is *SsssDddd* contains *tttt* total samples and *eeee* execution samples. If the sample count message does not appear, STROBE opened a new sample data set but did not collect any samples.

System Action: STROBE starts or continues sampling, placing the samples into the sample data set.

User Response: None required.

STR5302I STROBE RUNNING AND SWITCHED - SsssDddd HAS tttt/eeee SAMPLES

Explanation: STROBE received a SWITCH command. The sample data set whose low-order name syllable is *SsssDddd* contains *tttt* total samples and *eeee* execution samples and is closed and ready for reporting.

System Action: STROBE continues sampling, now using a sample data set whose low-order syllable is *SsssDddd+1*.

User Response: None required.

STR5303I STROBE SUSPENDED {- SsssDddd HAS tttt/eeee SAMPLES}- NO SAMPLE DATA SET OPEN}

Explanation: STROBE received a STATUS command. If a sample data set is open, its low-order syllable name is *SsssDddd*, it contains *tttt* total samples and *eeee* execution samples. It is not available for reporting. Otherwise, no sample data set is open.

System Action: STROBE is not sampling.

User Response: None required.

STR5304I STROBE SUSPENDED - NO SAMPLE DATA SET OPEN

Explanation: STROBE received a STOP command while in the suspended state with an open sample data set. The sample data set is closed and is available for reporting.

System Action: STROBE takes no action and sampling remains suspended. No sample data set is open.

User Response: None required.

STR5305I STROBE TERMINATING

Explanation: STROBE received a QUIT command. If STROBE is sampling, the current sample data set is closed and is available for reporting.

System Action: STROBE stops sampling and cannot be restarted with a SEND operation.

User Response: To initiate further sampling, submit a new STROBE request statement, using the ADD operation.

STR5310I STROBE MEASUREMENT SESSION SUSPENDING

Explanation: STROBE received a SUSPEND or STOP command.

System Action: STROBE stops sampling.

User Response: None required.

STR5315W STROBE NOT SAMPLING - REQUEST IGNORED

Explanation: STROBE received a SWITCH, STOP, or SUSPEND command. STROBE is not sampling and has no open data set.

System Action: STROBE does not process the command.

User Response: To resume sampling, enter a START command.

STR5318W STROBE SAMPLING - REQUEST IGNORED

Explanation: STROBE received a START command, but sampling is already in process.

System Action: STROBE does not process the command.

User Response: None required.

STR5320I STROBE MEASUREMENT SESSION RESUMED

Explanation: STROBE received and processed a START command.

System Action: STROBE begins sampling.

User Response: None required.

Messages Returned by the Session Management Facility

The session management facility returns the following messages in response to STROBE commands, writing them to the SYSPRINT data set and to an operator's terminal when the request originated there. STROBE/ISPF users receive messages at the terminal and can also access them from the log data set where the session management facility records them. Messages other than those produced in response to status commands are also written to the STROBE log.

STR6001I STROBE SESSION MANAGER *v.r.m.x* CALLED FROM {JOB|STRT TSK} AT *time* *jobname*, SYSTEM=*sysname*

Explanation: You initiated execution of the session manager at version *v*, release *r*, modification *m*, version *x*, from either a batch job or a started task, under a job named *jobname*, at time *time*. The MVS system name of the host is *sysname*.

System Action: STROBE continues processing.

User Response: None required.

STR6005I STROBE SESSION MANAGER *v.r.m.x* COMPLETED FOR {JOB|STRT TSK} *jobname* RC=*rc* SYSTEM=*sysname*

Explanation: You initiated execution of the session manager at version *v*, release *r*, modification *m*, version *x*, on system *sysname* from a batch job or a started task under a job named *jobname*.

A zero return code (RC=00) indicates that all operations requested were processed successfully. A nonzero return code indicates that STROBE detected an error when processing at least one operation. The error was reported in an earlier message. Refer to "Return Codes and Severity Codes" on page 1-2 for an explanation of the return codes and their associated severity codes. The MVS system name of the host computer is *sysname*.

System Action: STROBE completed execution for the job.

User Response: If the return code is not zero, locate the message reporting the error, and follow the recommended action in the message description.

STR6006E *commandname* OPERATION FOR REQUEST *nnnn* ENDED WITH ERROR

Explanation: The processing of command *commandname* for request number *nnnn* ended with an error condition.

System Action: STROBE may not have processed the command, as indicated by the error messages that preceded this message.

User Response: Check the log for additional messages and notify the STROBE system programmer.

STR6007I DESIGNATED INTERNAL STRUCTURE *structname* INVALID

Explanation: STROBE attempted to free an unallocated or a negative amount of storage in structure *structname*.

System Action: STROBE does not attempt to free the storage.

User Response: None required.

STR6101I STROBE v.r.m.x CALLED FROM {JOB | TSO USER | STRT TSK | ISPF USER} jobname AT time date SYSTEM=sysname

Explanation: Execution of STROBE at version *v*, release *r*, modification *m*, version *x*, was initiated from either a batch job, a TSO session, or a started task, under a job named *jobname*, at time *time*, on date *date*. The MVS system name of the host is *sysname*.

System Action: STROBE is ready to process STROBE control statements.

User Response: None required.

STR6102S INVALID OPERATING SYSTEM OR OPERATING SYSTEM LEVEL

Explanation: STROBE does not support the operating system or operating system release level.

System Action: STROBE terminates.

User Response: Ensure that the specific STROBE Feature supports your operating system configuration. Notify the STROBE system programmer.

STR6103S INSTALLATION ERROR - STROBE NOT MARKED REENTRANT

Explanation: Either the load module for the session manager, STRBCSM, is not marked as reentrant, or the load module for the session requester, STRBCSR, is not marked as reentrant.

System Action: STROBE terminates.

User Response: Notify the STROBE system programmer. There has probably been an installation error. The STROBE system programmer should check the linkage editor output listing from the STROBE installation job to verify that the load module has been marked as reentrant. If not, reinstall the STROBE modules with link edit options RENT, REUS, and REFR.

STR6104E REQUEST REJECTED - SESSION MANAGER IS NOT ACTIVE ON SYSTEM sysname

Explanation: This message is issued in response to a STROBE request issued on system *sysname*. A component of STROBE, the session manager, is either not active or has failed on system *sysname*. To use STROBE, the session manager must be active.

System Action: STROBE does not process the request.

User Response: To use STROBE, you must start the session manager. Notify the STROBE system programmer.

STR6105I STROBE v.r.m.x COMPLETED FOR {JOB|TSO USER|STRT TSK|ISPF USER} jobname RC=rc SYSTEM=sysname

Explanation: Execution of STROBE at version *v*, release level *r*, modification *m*, version *x*, was initiated from a batch job, a TSO session, or a started task under a job named *jobname*. A zero return code (RC=00) indicates that all operations requested have been processed successfully. A nonzero return code indicates that STROBE detected an error when processing at least one operation. The error was reported in an earlier message. Refer to "Return Codes and Severity Codes" on page 1-2 for an explanation of the return code and the associated severity code. The MVS system name of the host computer is *sysname*.

System Action: STROBE completed processing the job.

User Response: If the return code is not zero, locate the message reporting the error, and follow the action recommended in the message description.

STR6106E MAXIMUM NUMBER OF REQUESTS EXCEEDED - REQUEST IGNORED

Explanation: The number of requests submitted to STROBE exceeds the number specified by your STROBE system programmer during the installation of the STROBE system.

System Action: STROBE accepts no further requests.

User Response: Notify the STROBE system programmer who can delete the completed requests with a DELETE or CLEAN command.

STR6107W NUMBER OF REQUESTS IS APPROACHING LIMIT - DELETE COMPLETED REQUESTS

Explanation: The number of requests accepted by STROBE exceeds 75% of the number specified by your STROBE system programmer during the installation of the STROBE system.

System Action: STROBE accepts and processes the current request.

User Response: Notify the STROBE system programmer who can delete the completed requests or outdated AutoSTROBE requests with a DELETE or CLEAN command.

STR6108I PARM5=xxxxxxx

Explanation: This message xxxxxxxx echoes the PARM5 field received in a START command or EXEC statement used to invoke STROBE.

System Action: STROBE continues processing.

User Response: None required.

STR6109S STROBE NOT CALLED FROM AUTHORIZED LIBRARY

Explanation: The module STRBCSM was called from an unauthorized library. This can be caused by:

- having an unauthorized library in the STEPLIB concatenation
- executing STROBE in an unauthorized data set

System Action: The session manager cannot create the STROBE environment.

User Response: If STROBE is accessed via STEPLIB, either remove any unauthorized partitioned data sets from the STEPLIB concatenation or move the STROBE library to an authorized library or link list data set. Contact the STROBE system programmer to determine if STROBE is in a link list.

STR6110S STROBE NOT CALLED AS AUTHORIZED PROGRAM

Explanation: The module STRBCSM was not invoked as an authorized program. This can be caused by:

- having an unauthorized library in the STEPLIB concatenation
- installing STROBE as an unauthorized program

System Action: The session manager cannot create the STROBE environment.

User Response: If STROBE is accessed via STEPLIB, either remove any unauthorized partitioned data sets from the STEPLIB concatenation or move the STROBE library to an authorized library or link list data set. Contact the STROBE system programmer to determine if STROBE is in the link list and was installed properly.

STR6111S STROBE SESSION MANAGER ALREADY ACTIVE

Explanation: The session manager is already active.

System Action: The duplicate version of STROBE will terminate and processing of the original version will continue unaffected.

User Response: None required.

STR6112E CANNOT PERFORM ENVIRONMENT CHANGE - STROBE IN USE BY OTHER JOBS

Explanation: You cannot change the STROBE environment until other active executions of STROBE have terminated.

System Action: STROBE continues processing.

User Response: To determine who are the active STROBE users, invoke the STATUS command. Wait until all other executions of STROBE terminate and resubmit the environment request.

STR6113E REQUEST REJECTED [ON SYSTEM *sysname* -] INSUFFICIENT ACCESS AUTHORITY

Explanation: You submitted a request to either measure a job or to access an existing request. If identified, the system is *sysname*.

The STROBE security interface (access filter) determined that you do not have access to the job specified in the request.

System Action: The request is rejected and processing continues.

User Response: To enable you to measure this job, the STROBE system programmer or security administrator must grant you access to the job.

STR6114I ACCESS FILTER DISABLED ON SYSTEM *sysname* BY INSTALLATION REQUEST

Explanation: During startup of the session manager on system *sysname*, STROBE determined that the access filter is disabled. The STROBE parameter disabled the access filter.

System Action: STROBE continues processing but the security interface is disabled.

User Response: None required.

STR6115I NO SECURITY SYSTEM FOUND ON SYSTEM *sysname* - ACCESS FILTER DISABLED

Explanation: During startup of the session manager on system *sysname*, STROBE was unable to locate one of the following security packages: RACF, CA-Top Secret, or CA-ACF2.

System Action: STROBE continues processing with the security interface disabled. STROBE will function without security protection.

User Response: To obtain access to the security system at your installation, review your installation security procedures with the STROBE system programmer.

STR6116I ACCESS FILTER WILL BE ENABLED FOR *security* ON SYSTEM *sysname*

Explanation: During startup of the session manager on system *sysname*, STROBE determined that security package *security* is present. *security* can be RACF, TSS (CA-Top Secret), or ACF2 (CA-ACF2).

System Action: STROBE enabled the security interface for that security package.

User Response: None required.

STR6117I NO REQUESTS FOUND

Explanation: You submitted a LIST or CLEAN request, but no measurement requests meet the specified selection criteria.

System Action: STROBE does not process the LIST or CLEAN request.

User Response: If you specified an incorrect request identification, correct and resubmit the request.

STR6118I *nnnn* {JOBS|PROCESSES} FOUND TO SATISFY REQUEST ON SYSTEM *sysname*

Explanation: STROBE found *nnnn* jobs on system *sysname* to satisfy a request to display active jobs. STROBE found *nnnn* processes on system *sysname* to satisfy a request to display active processes.

System Action: STROBE continues processing.

User Response: None required.

STR6119I STOP COMMAND RECEIVED FROM CONSOLE *consoleid*

Explanation: The session manager received a STOP command from operator console *consoleid*.

System Action: The session manager terminates, removing the environment and ending all processing.

User Response: None required.

STR6120I REQUEST MODIFIED BY INSTALLATION EXIT

Explanation: STROBE determined that installation exit STRBCXAC modified a user request.

System Action: STROBE continues to process the request.

User Response: List the request to determine what options have changed. If the new options create problems, notify the STROBE system programmer.

STR6121I REQUEST {*nnnn*|*jobname*} NOT FOUND

Explanation: STROBE cannot find any request that matches the request number *nnnn* or jobname *jobname* given in the LIST operation. Either you specified the wrong request number or jobname, or STROBE deleted the request.

System Action: STROBE does not process the LIST request.

User Response: If you specified an incorrect request identification, correct and resubmit the request.

STR6122W REQUEST {nnnn|jobname} NOT FOUND ON SYSTEM sysname

Explanation: STROBE was unable to find on system *sysname* a request matching the request number *nnnn* or jobname *jobname* given in the ADD, CHANGE, DELETE, or SEND operation. Either you specified the wrong request number or jobname, or STROBE deleted the request.

System Action: STROBE does not process the request.

User Response: If you specified an incorrect request identification, correct and resubmit the request.

STR6123W REQUEST ACTIVE - SOME OPERANDS INVALID

Explanation: For an active request, you specified a CHANGE operation with an operand other than GOMIN, LIMIT, SAMPLES, OPTIONS, or RETAIN. You cannot change any other keyword operands after the measurement session becomes active.

System Action: STROBE processes the request, excluding the unacceptable parameters.

User Response: List the request to determine what options have changed.

STR6124E REQUEST COMPLETE - CHANGE NOT VALID

Explanation: You submitted a CHANGE operation for a measurement request that has already terminated. For a completed request, only a CHANGE operation with RETAIN=COMPLETE=*nnn* is valid, where *nnn* is the number of days the request is to be retained.

System Action: STROBE does not process the request.

User Response: None required.

STR6125W STROBE MEASUREMENT SESSION {INITIALIZING|PROCESSING SEND OPERATION| NOT RESPONDING - USE LIST OPERATION LATER|TERMINATING}

Explanation: STROBE is processing a request and the STROBE measurement session did not respond to the command.

One or more of the following messages can appear in a busy system if the operating system did not give the measurement task enough time to process the request:

- INITIALIZING|
- PROCESSING SEND OPERATION|
- NOT RESPONDING
- USE LIST OPERATION LATER|TERMINATING

System Action: If you issued an ADD operation, STROBE displays the STROBE MEASUREMENT SESSION INITIALIZING message as many as four times. On the fifth iteration, STROBE displays the STROBE MEASUREMENT SESSION NOT RESPONDING message, and STROBE terminates. STROBE displays the same series of messages for the SEND operation, except that the messages read STROBE MEASUREMENT SESSION PROCESSING SEND OPERATION.

The measurement session continues unless the program being measured terminates, at which point STROBE terminates the measurement task.

User Response: Notify the STROBE system programmer if the problem persists.

STR6126I {jobname|username} DID NOT HAVE AN ACEE - ACCESS TO RESOURCES WILL BE DENIED

Explanation: The STROBE sign-on procedure determined that the job *jobname* or user *username* does not have an accessor environment element (ACEE).

System Action: If a security system is installed, STROBE will deny the user or job access to all resources or jobs.

User Response: Notify the STROBE system programmer. The system programmer may need to disable the access filter.

STR6127E DELETE REJECTED - JOB ACTIVE ON SYSTEM *sysname*

Explanation: You specified a DELETE operation for an active measurement session that is running on system *sysname*. DELETE can be specified only for queued, deferred, or completed requests.

System Action: STROBE does not process the request.

User Response: Wait until the job completes or use the SEND operation with the QUIT operand to terminate an active measurement session. Then reissue the DELETE operation.

STR6128E OPTIONS=NOQUIT NOT POSSIBLE

Explanation: You issued an ADD operation specifying OPTIONS=NOQUIT but, during installation, the STROBE system programmer specified JSTCB=NEVER in the STROBE parameter file.

System Action: STROBE does not process the request.

User Response: Notify the STROBE system programmer.

STR6129E OPTIONS=NOQUIT IN EFFECT, QUIT INVALID

Explanation: You issued a SEND operation with the QUIT option to a request that is running with the NOQUIT option, or you attempted to stop STROBE while a measurement session was active with NOQUIT specified.

System Action: STROBE ignores the SEND operation and continues processing. You will not be able to deactivate the STROBE environment unless the STROBE system programmer issues the TERMINATE command.

User Response: If the message resulted from a SEND operation, resubmit it, and specify the STOP operand. If you want to stop STROBE, issue the TERMINATE command.

STR6130I *oper* OPERATION COMPLETED

Explanation: STROBE successfully performed the indicated operation *oper*.

System Action: STROBE continues processing.

User Response: None required.

STR6131E JOB NOT ACTIVE ON SYSTEM *sysname*

Explanation: You submitted a request for an active job and that job is not executing on system *sysname*.

System Action: STROBE does not process the request.

User Response: Wait until the target jobstep is executing before submitting a request on the ADD ACTIVE REQUEST panel or use the STEP=* command syntax. If you would like to measure a job step that is executing later, submit a request on the ADD QUEUED REQUEST panel.

STR6132E DUPLICATE JOBS FOUND ON SYSTEM *sysname*

Explanation: STROBE discovered more than one job on system *sysname* with a jobname that matches the one specified on an ADD ACTIVE request.

System Action: STROBE does not process the request.

User Response: Determine the ASID number of the target job, and resubmit the request specifying the ASID parameter.

STR6133E ADDRESS SPACE FAILED

Explanation: STROBE determined that an address space associated with a measurement request no longer exists.

System Action: STROBE marks the measurement request completed.

User Response: Notify the STROBE system programmer.

STR6134W STROBE MEASUREMENT SESSION NOT ACTIVE

Explanation: You specified a SEND operation for a job step for which no measurement session is active.

System Action: STROBE does not process the request.

User Response: Wait until the measurement session becomes active before submitting any SEND requests to it.

STR6135W ATTACH FILTER DISABLED - REQUEST CANNOT BE SERVICED

Explanation: You issued a request to measure a future job step, but the attach filter is disabled.

System Action: STROBE adds the request to the request queue but cannot service the request unless the attach filter is enabled with an ENV operation.

User Response: Either enable the attach filter or wait until the job step begins execution and submit another request.

STR6136W JOB IS CURRENTLY ACTIVE ON SYSTEM *sysname* - STEP MAY HAVE BEEN EXECUTED

Explanation: STROBE accepted a request to measure a job step. Because the job is already active on system *sysname*, however, the step may already have executed.

System Action: If the step executed, or is currently executing, STROBE does not measure it in the current job.

User Response: Notify the STROBE system programmer. The system programmer can use STEP=* to specify that the current job step should be measured.

STR6137E STROBE ACTIVE FOR JOB *jobname* ON SYSTEM *sysname* - REQUEST REJECTED

Explanation: STROBE received an ADD request to measure the current step of an active job *jobname* for which a measurement session is already active on system *sysname*.

System Action: STROBE assigns a request number to the duplicate ADD request and marks this request as completed.

User Response: Use the SEND operation to obtain the current status of the measurement session and to send sampling control commands to STROBE.

STR6138W REQUEST *nnnn* IS A DUPLICATE OF *rrrr* - REQUEST *nnnn* IS STILL QUEUED

Explanation: An ADD request with the request number *nnnn* duplicates an existing add request, request number *rrrr*.

System Action: When the target job becomes active, STROBE initiates a measurement session for request *rrrr*, while request *nnnn* remains queued. STROBE will initiate a measurement session for request *nnnn* the next time the target job becomes active.

User Response: If you want STROBE to measure the target job only once, delete request *nnnn*. Otherwise, none is required.

STR6139W ATTACH FILTER WAS DISABLED AT TIME- *time*

Explanation: STROBE determined that the attach filter was disabled at time *time*.

System Action: STROBE accepts both active and queued requests, but measures active requests only.

User Response: Notify the STROBE system programmer who can enable the attach filter so that you can measure queued requests

STR6140I *rrrr jobname status [rrrr jobname status]*

Explanation: STROBE returns this message in response to a Format 3 LIST command. STROBE lists all outstanding requests *rrrr*, each with an associated jobname *jobname* and a status code *status*. These codes are as follows: (Q) if the request is queued, (A) if the request is active, (C) if the requested measurement session is completed, (D) if the request is deferred, and (S) if the request is suspended or stopped.

System Action: STROBE continues processing.

User Response: None required.

STR6141I *nnnn jobname [status sysname] [request-operands]*

Explanation: STROBE returns this message in response to an ADD, CHANGE, DELETE, LISTGRP command, or a Format 1, 2, or 3 LIST command. STROBE shows request number

nnnn, job name *jobname*, and if present request status *status*, the system name, *sysname* and current request parameters [*request-operands*].

System Action: STROBE continues processing.

User Response: None required.

STR6142I *dsname* volume *ttttt/eeee* [OPEN]

Explanation: This message sometimes follows message STR6141I. STROBE provides the name of the current sample data set *dsname*, its volume serial number *volume*, and the current sample counts (*ttttt* total samples and *eeee* execution samples). "OPEN" appears at the end of this message if the sample data set is still open.

System Action: STROBE continues processing.

User Response: None required.

STR6143I MESSAGES FOR REQUEST *nnnn* FOLLOW

Explanation: STROBE produces this message in response to a Format 1, 2, or 3 LIST command. After this message, STROBE shows only those messages not previously listed for request number *nnnn*.

System Action: STROBE displays messages.

User Response: Read and respond to the messages.

STR6144I END OF MESSAGES FOR REQUEST *nnnn*

Explanation: STROBE produces this message after all messages have been listed in response to a Format 1 LIST command. It indicates the end of messages for request number *nnnn*.

System Action: STROBE continues processing.

User Response: None required.

STR6145I STROBE USERS - *active jobs*

Explanation: This message lists in *active jobs* the TSO user IDs and batch jobs that are currently using STROBE.

System Action: STROBE continues processing.

User Response: None required.

STR6147I IPL QUEUE INITIALIZATION COMPLETE - NEXT REQUEST IS *nnnn*

Explanation: STROBE established the environment from the STROBE IPL queue data set. STROBE recovered requests from the queue data set. The next request number is *nnnn*.

System Action: STROBE continues processing.

User Response: None required.

STR6149S SVC *nnn* IN USE - TYPE *t* [*string*]

Explanation: At initialization, STROBE determined that the SVC number *nnn*, type *t*, assigned in the STROBE parameter data set appears to be in use. If the address in the SVC table points to a module with an alphanumeric *string*, the message provides the alphanumeric field as well.

System Action: STROBE cannot establish its environment.

User Response: Notify the STROBE system programmer. The STROBE system programmer must reinstall the STROBE system with an available SVC of the appropriate type, or override the SVC system-check with SVCOVR=YES parameter in the PARMLIB data set.

STR6150I STROBE ENVIRONMENT DOES NOT EXIST

Explanation: The session manager responded to an environment status command or reported during session manager initialization that the STROBE environment does not exist.

System Action: The STROBE environment is not created. During normal processing, STROBE will create the environment.

User Response: None required.

STR6151I SVC *nnn* UNUSED - TYPE *t* [*string*]

Explanation: SVC number *nnn*, type *t*, appears to be unused. STROBE received an ENV CHECK, a SHOW, or an SVC command. The SVC number *nnn*, type *t*, assigned in the STROBE parameter data set appears to be not used. If the address in the SVC table points to a module with an alphanumeric *string*, the message provides the alphanumeric field as well.

System Action: STROBE initializes using the SVC specified in the STROBE parameter file.

User Response: None required.

STR6152E COMMAND NOT VALID -STROBE ENVIRONMENT DOES NOT EXIST

Explanation: The STROBE environment was not established and a user privileged to establish it submitted a request that is not an ENV CREATE command.

System Action: STROBE rejects the request.

User Response: Notify the STROBE system programmer who can submit an ENV CREATE operation.

STR6153S STROBE ENVIRONMENT INCOMPATIBLE - MUST BE REPLACED [ON SYSTEM *sysname*]

Explanation: There are two copies of STROBE operating with the same fourth character in their load module names, or with the same SVC. If given, *sysname* identifies the system on which STROBE is running.

System Action: The STROBE environment cannot be initialized.

User Response: Notify the STROBE system programmer. There has probably been an installation error.

STR6154I STROBE - ENVIRONMENT STATUS - CREATED AT *time date* REQUESTS=*rrr*/*mmm* ACTIVE=*aaa*/*bbb* QUEUED=*qqq* COMPLETED=*ccc* [DEFERRED=*ddd* | AUTOSTROBE=*aaaa*]

Explanation: STROBE issues this message in response to a STATUS command. The time of the creation of the STROBE environment is *time*, the date of creation, *date*. STROBE is maintaining *rrr* requests in all (with a maximum of *mmm* requests): *aaa* requests are active (with a maximum of *bbb* requests), *qqq* are queued, *ccc* are completed and, if present, *ddd* are deferred or *aaaa* is the number of AutoSTROBE requests.

System Action: STROBE continues processing.

User Response: None required.

STR6155I ATTACH FILTER {ENABLED|DISABLED} SYSTEM= *sysname*

Explanation: The STROBE attach filter on operating system *sysname* has a status of enabled or disabled.

System Action: If the status is enabled, STROBE can measure all requests. If not, STROBE accepts all requests but measures active requests only.

User Response: None required.

STR6156W ATTACH FILTER STATUS INCONSISTENT WITH DEFAULT

Explanation: The current attach filter status differs from that assigned by the STROBE parameter data set.

System Action: STROBE continues processing with the attach filter in the current status.

User Response: Contact the STROBE system programmer to determine if the attach filter needs to be enabled.

STR6157S STROBE ATTACH FILTER FAILED PROCESSING JOB *jobname* AT *time date*

Explanation: The attach filter routine terminated abnormally while servicing the job *jobname*, at time *time*, on date *date*. A STROBE recovery procedure disabled the attach filter.

System Action: STROBE processes the job normally, but measurement requests may not be performed.

User Response: Notify the STROBE system programmer.

STR6158W ENVIRONMENT REQUEST RESULTS IN NO CHANGES

Explanation: STROBE already performed the requested action. The ENV operation has no effect on the current environment.

System Action: STROBE continues processing but does not process this request.

User Response: None required.

System Action: Notify the STROBE system programmer.

STR6159E STROBE AUTHORIZED COMMAND

Explanation: You submitted an ENV, TEST, CLEAN, or SHOW command for which you are not authorized.

System Action: STROBE continues processing but does not process this request.

User Response: Notify the STROBE system programmer who has access to these commands.

STR6160I ATTACH FILTER IS NOW DISABLED

Explanation: STROBE successfully processed an ENV operation that disabled the attach filter.

System Action: STROBE accepts both active and queued requests, but measures active requests only.

User Response: None required.

STR6161I CSA=aaK/bbbbK/.c% ECSA=ddK/eeeK/.f% SVC=nnn

Explanation: STROBE occupies aaK of the bbbbK of storage in the CSA, a percentage of c. In the extended CSA (ECSA), STROBE occupies ddK of eeeK storage, a percentage of f. The SVC number STROBE is using is nnn.

System Action: STROBE continues processing.

User Response: None required.

STR6162W SVC nnn IN USE - TYPE t [string]

Explanation: STROBE received either an ENV CHECK or SHOW SVC command. The SVC number nnn, type t, assigned to the STROBE parameter file appears to be in use. If the address in the SVC table points to a module with an alphanumeric string, the message provides the alphanumeric field as well.

System Action: STROBE displays the SVC entry.

User Response: Notify the STROBE system programmer.

STR6163I {CLEAN | PURGE} COMPLETE

Explanation: STROBE issues this message on completion of the CLEAN operation.

System Action: STROBE continues processing.

User Response: None required.

STR6164E CANNOT REMOVE ENVIRONMENT - FOLLOWING REQUESTS EXIST

Explanation: STROBE cannot perform an ENV operation specifying REMOVE because of active measurement requests on the system. The active request numbers follow this message.

System Action: STROBE continues processing.

User Response: Wait for all active measurement requests to be completed, or issue the SEND command.

STR6165E RECOVER NOT POSSIBLE - REQUESTS ACTIVE

Explanation: STROBE cannot perform an ENV RECOVER command because measurement requests are active.

System Action: STROBE continues processing the active requests.

User Response: Wait for all measurement requests to be completed and resubmit the command.

STR6166I FOLLOWING REQUESTS DELETED

Explanation: STROBE processed a CLEAN operation and deleted the listed requests.

System Action: STROBE continues processing.

User Response: None required.

STR6168I STROBE v.r.m.x ENVIRONMENT IS NOW REMOVED

Explanation: STROBE at version *v*, release *r*, modification *m*, and version *x*, successfully removed the environment.

System Action: STROBE can process only ENV STATUS operations.

User Response: None required.

STR6169I STROBE ENVIRONMENT IS NOW CREATED ON SYSTEM *sysname* [AS MEMBER OF XCF GROUP *xcfgroup*]

Explanation: STROBE successfully created the environment on system *sysname* and can process all operations. If this version of STROBE is a member of a STROBE-XCF group, it can process operations initiated on another member and initiate operations for execution on other members. If present, the XCF group is named in *xcfgroup*.

System Action: STROBE continues processing.

User Response: None required.

STR6170I ATTACH FILTER IS NOW ENABLED

Explanation: STROBE successfully processed an ENV operation that enabled the attach filter.

System Action: STROBE can measure both queued and active requests.

User Response: None required.

STR6171E ENVIRONMENT RECOVER REQUIRED

Explanation: STROBE cannot perform an ENV CREATE command because it detected an active environment from a previous release.

System Action: STROBE cannot create the new environment until the old one is deactivated.

User Response: To deactivate the old environment and create the new one, issue an ENV RECOVER command. To do this, see Chapter 5 of the *STROBE MVS System Programmer's Guide*.

STR6172E ENVIRONMENT RECOVER INVALID

Explanation: STROBE cannot perform an ENV RECOVER command because no previous release of STROBE exists.

System Action: STROBE does not change the environment.

User Response: The STROBE system programmer uses the ENV RECOVER command only when replacing an old STROBE release.

STR6173I OPERATING SYSTEM LEVEL IS *syslvl*

Explanation: The operating system level is *syslvl*. STROBE issues this message in response to a STATUS command.

System Action: STROBE continues processing.

User Response: None required.

**STR6174S STROBE {SESSION MANAGER|
SESSION REQUESTER|MEASUREMENT INITIALIZATION|MEASUREMENT SESSION| INTERFACE|SVC}
ABENDED {S|U} *abendcode* - *rsncode* AT{*psw addr*|*modname*} [{*modname offset*|*csect offset*}] [SDWA
NOT AVAILABLE] [{RECURSION | PERCOLATION}]**

Explanation: An ABEND occurred during STROBE processing. The message shows the system or user ABEND *abendcode*, reason code *rsncode*, at PSW address *pswaddr*, or module name *modname* and if available module name offset *modname offset*, or control section name and offset *csect offset*. If appropriate, SDWA (system diagnostic work area) NOT AVAILABLE displays. If present, the ABEND type is given as RECURSION or PERCOLATION.

System Action: The STROBE measurement task or STROBE program terminates but user tasks are unaffected.

User Response: Notify the STROBE system programmer. If STROBE issued ABEND code U0000-0000, increase the region size of the job you are measuring and resubmit the request.

STR6175S R0-R7= *addr0 addr1 addr2...addr7*

R8-RF= *addr8 addr9 addrA...addrF*

addr [key data]

addr [key data]...

Explanation: An ABEND occurred in the STROBE system. The contents of registers 0 through 15 appear in fields *addr0* through *addrF*. Subsequent lines *addr key data* display the contents of storage pointed to by the PSW (program status word) for a length of X'50', followed by the contents of the storage pointed to by the registers. If accessible, the *key* field shows the protection key, and the *data* field dumps X' 10' (32 bytes) of the area addressed by the registers. STROBE lists these lines in the STROBE log only.

System Action: STROBE continues processing.

User Response: Contact Compuware Technical Support. This information is provided for diagnostic purposes.

STR6176S SDWAFLAGS *flags translation*

Explanation: An ABEND occurred in the STROBE system. The values of the ABEND flags from the system diagnostic work area (SDWA), *flags*, appear with the translation of those flags, *translation*. This message appears in the STROBE log only.

System Action: STROBE continues processing.

Contact Compuware Technical Support. This information is provided for diagnostic purposes.

STR6177S SA - {FWD | BKWD} *data*

Explanation: An ABEND occurred in the STROBE system. The data will be split across several lines and will consist of:

RT3 reserved ptr-pre ptr-next R14 R15 R0 entryname R1 R2.... R12,

where "R0.... R15" are register contents. *reserved* is an IBM field. *ptr-prev* is a pointer to the previous save area. *ptr-next* is a pointer to the next save area. This message appears in the STROBE log only.

System Action: STROBE continues processing.

User Response: Contact Compuware Technical Support.

STR6178S PSW [FROM {SDWA | PRB | IRB | SVRB}] [AT ERROR] [*sdwapsw|prbpsw|irbpsw|svrbpsw*]

Explanation: An ABEND occurred in the STROBE system. The PSW (program status word) at the time of the error appears in one of the following: *sdwapsw*, the SDWA (system diagnostic work area), or *prbpsw*, the PRB (program request block), or *irbpsw*, the IRB (interruption request block), or *svrbpsw*, the SVRB (supervisor request block). Message STR6182S displays the module, control section, or entry at the time of the error.

System Action: STROBE continues processing.

User Response: Contact Compuware Technical Support.

STR6179S	TYPE	PSW	R15	R00	R01	RE
	<i>tttt</i>	<i>psw</i>	<i>r15</i>	<i>r0</i>	<i>r1</i>	<i>rr</i>
	CP	ASID	TCB	TIME		
	<i>cc</i>	<i>aaaa</i>	<i>tcb</i>	<i>time</i>		

Explanation: An ABEND occurred in the STROBE system. STROBE displays the trace table, listing the type of entry (*tttt*), the PSW (program status word), *psw*, the contents of registers 15, 0, and 1 (*r15*, *r0*, *r1*), RE a reserved field (*rr*), the CP id (*cc*), the ASID, (*aaaa*), the TCB (task control block address), *tcb*, and the time (*time*). This message appears in the STROBE log only.

System Action: STROBE continues processing.

User Response: Contact Compuware Technical Support.

STR6180I MODULE *modname* AT *modaddr(modlen)* FROM *source* [ABENDS = *num* LAST IS *abendcode* AT *offset*]

Explanation: ABENDs occurred in the STROBE system. The load module named *modname* at the address *modaddr* with length *modlen* was loaded from the load library with the data set name or data definition name and concatenation number identified in *source*. If present, the number of ABENDs is *num*, the ABEND code of the last ABEND is *abendcode*, and its offset is *offset*.

System Action: STROBE continues processing.

User Response: None required.

STR6181I CSECT *csectname* AT *csaddr(cslen)* R=*rr.rr* G=*gg* date *date* PTF=*FS000000* [ABENDS=*nnnn* LAST IS *abendcode* AT *addr*]

Explanation: An ABEND occurred in the STROBE system. The control section named *csectname* at the address *csaddr* with length *cslen* has a release number *rr.rr* and a generation number (G) *gg*. The last assembly date was *date* and the PTF level was *FS000000*. The ABEND number is *nnnn*, a description of the ABEND is *abendcode*, and the address at which the ABEND occurred is *addr*.

System Action: STROBE continues processing.

User Response: None required.

STR6182S {MODULE|CSECT|ENTRY} *name* AT *addr* OFFSET *offset* - *string*

Explanation: An ABEND occurred in the module, control section, or entry *name*, located at *addr*. The site of the ABEND was at offset *offset*. The module, control section, or entry contains the phrase *string*.

System Action: STROBE continues processing.

User Response: None required.

STR6183S SVCDUMP - RC=*rc* - REQUEST *nnnn*

Explanation: Request *nnnn* specified that STROBE perform an SVCDUMP. The return code from the SVCDUMP request is *rc*. Depending upon the return code, the dump may reside in the system dump data set.

System Action: STROBE requests an SVC for the measured address space.

User Response: To process the dump according to your installation's standards, contact the STROBE system programmer.

STR6185I MODULE TRACKING TABLES FOR REQUEST NOT AVAILABLE

Explanation: STROBE deleted the module tracking tables for the specified request from storage. They are no longer available for display.

System Action: STROBE continues processing.

User Response: None required.

STR6186S SESSION MANAGER MUST BE ACTIVE BEFORE USING STROBE

Explanation: The STROBE address space was not started.

System Action: The STROBE address space was not available when this message was issued. STROBE services are not available unless the STROBE address space is started.

User Response: Notify the STROBE system programmer to start the STROBE address space.

STR6187E *commandname* COMMAND REJECTED BY ACCESS CONTROL EXIT

Explanation: A STROBE user exit rejected the command *commandname*.

System Action: STROBE rejects the requested command.

User Response: See the system programmer responsible for the STROBE user-exit facility.

STR6188E MEASUREMENT SESSION INITIALIZATION REJECTED BY ACCESS CONTROL EXIT

Explanation: A STROBE user exit rejected the measurement session initialization request.

System Action: STROBE cannot accept the measurement request.

User Response: See the system programmer responsible for the STROBE user-exit facility.

STR6189I {STR6189I|STR6189W| STR6189E| STR6189S} *user exit message text*

Explanation: A STROBE user exit rejected an operation or a measurement session initialization request. *user exit message text* gives the message returned by the user exit facility; the error severity indicator (I, W, E or S) depends on the returned message.

System Action: STROBE does not process the request because the user exit rejected it.

User Response: Correct and resubmit the request.

STR6190W STROBE LOG DATA SET IS *nnn*% FULL

Explanation: The STROBE log filled *nnn*% of its allocated space.

System Action: STROBE continues processing.

User Response: Notify the STROBE system programmer.

STR6191E STROBE LOG DATA SET IS FULL

Explanation: All of the allocated extensions on the STROBE log are used.

System Action: STROBE terminates processing.

User Response: Notify the system programmer. To continue processing, the system programmer must either clear the log with the LOG CLEAR command or backup and clear the log with STROBE Log (STRBCLOG) Utility.

STR6192E INTERNAL ERROR - *ddname* NOT OPEN

Explanation: STROBE expects the *ddname* *ddname* to be open, but it is not.

System Action: STROBE may not process the current command or request, or all processing may terminate depending upon the severity of the error.

User Response: Notify the STROBE system programmer.

STR6193I *ddname* DATA SET - *dsname* IS *percent* % FULL

Explanation: The name of the data set referred to by *ddname* is *dsname*, and it is *percent* percent full.

System Action: STROBE issues this message in response to a STATUS or SHOW QUEUE command.

User Response: None required.

STR6194I LOG DATA SET - *dsname* IS *percent* % FULL [WITH *nn* EXTENTS]

Explanation: The name of the current STROBE log is *dsname*. It is *percent* percent full, and, if this value is provided, it has *nn* extents.

System Action: STROBE continues processing.

User Response: None required.

STR6195S RECENTLY REFERENCED SRE FOLLOWS

Explanation: STROBE terminated abnormally and displays the last active STROBE request element (SRE).

System Action: STROBE continues processing.

User Response: Review the ABEND message and resubmit the request. If the problem occurs again, notify the STROBE system programmer.

STR6196S STROBE ABEND RECOVERY COMPLETE - {TERMINATING|CONTINUING}

Explanation: STROBE experienced an ABEND.

System Action: STROBE continues or terminates as stated in the message.

User Response: Contact the STROBE system programmer to correct the problem and restart STROBE.

STR6198I SRC= *src* TMI= *tmi* OPC= *opc* SMI= *smi*

Explanation: This message is generated by internal tracing that Compuware has initiated.

- *src* is the number of session requester calls the session manager has received.
- *tmi* is the number of timer interrupts that the session manager has received.
- *opc* is the number of operator commands that the session manager has received.
- *smi* is the number of SMI interrupts in the session manager.

System Action: STROBE continues processing.

User Response: Your Compuware systems engineer will determine any further action.

STR6199E STROBE HAS EXPIRED REQUEST DENIED

Explanation: The session manager determined that the current version of the STROBE system expired.

System Action: STROBE will allow you to list or delete requests, but it will not allow you to add requests. STROBE will not process any requests that are queued.

User Response: Notify the STROBE system programmer.

STR6200I STROBE MEASUREMENT SESSION INITIALIZED FOR JOB *jobname* AT *time date*

Explanation: STROBE started a measurement session for job *jobname* at time *time* and date *date*.

System Action: STROBE continues processing.

User Response: None required.

STR6201I STROBE MEASUREMENT SESSION COMPLETED FOR JOB *jobname* AT *time date*

Explanation: STROBE completed a measurement session for job *jobname* at time *time* and date *date*.

System Action: STROBE continues processing.

User Response: None required.

STR6202I STROBE ATTACH FILTER PROCESSING FOR REQUEST *nnnn* STOPPED ON SYSTEM *sysname* - REQUEST ALREADY ACTIVE ON SYSTEM *sysname*

Explanation: The attach filter for system *sysname* determined there is a measurement request (request *nnnn*) associated with a job step that is about to start, and attempted to initiate the measurement. However, another member of the STROBE-XCF group is already measuring the request. This message appears in the STROBE log only.

System Action: STROBE terminates processing for request *rrrr* on system *sysname*.

User Response: None required.

STR6203E STROBE MEASUREMENT SESSION INITIALIZATION FAILED FOR JOB *jobname* AT *time date*

Explanation: STROBE failed to initialize a measurement session for job *jobname* at time *time* and date *date*. Accompanying messages, including STR6206E and STR6291E, provide additional information.

System Action: STROBE stops processing the request.

User Response: Resubmit the measurement request. If the problem persists, notify the STROBE system programmer.

STR6204E STEP IS IN ALLOCATION

Explanation: You submitted a request for a job step that is still controlled by the MVS initiator.

System Action: STROBE cannot measure the job step.

User Response: Resubmit the request after the job step completes allocation.

STR6205E LIMITED FUNCTION ADDRESS SPACE

Explanation: The target program is running in a limited function address space. The operating system does not provide the functions that STROBE requires for its operation.

System Action: STROBE cannot measure limited function address spaces.

User Response: None required.

STR6206E STROBE INITIALIZATION SRB DID NOT COMPLETE - STEP=stepname PGM=pgmname REASON=reason TCBFLAGS=tcbflags

Explanation: The STROBE initialization service request block (SRB) for step *stepname*, program *pgmname* did not complete. The reason is given in *reason*. The TCB flag values given in *tcbflags* are defined in the *IBM MVS/ESA SP5 Data Areas Manual*.

System Action: STROBE does not process the request.

User Response: Resubmit the measurement request. If the problem persists, notify the STROBE system programmer.

STR6179S LEN MOD KEY DATE TIME DATA
 len mod nnn date time data

Explanation: An ABEND occurred in the STROBE system or the SHOW CTRACE command has been invoked, causing the trace records to be written to the log data set. STROBE displays the record length (*len*), the module identifier (*mod* and *key*), the timestamp information (*date* and *time*), and the trace data (*aaaaaaaa*). This message appears in the STROBE log only.

System Action: STROBE writes the trace records to the log data set and continues processing.

User Response: None required.

STR6208W LIMIT = QUIT IN EFFECT

Explanation: The user submitted an ADD ACTIVE to a SAS job step. STROBE forced the LIMIT = QUIT operand to this request to ensure that the SAS job step will terminate normally.

System Action: Measurement ends normally when STROBE collects the specified number of samples.

User Response: Because for extremely short-running job steps the STROBE measurement might not be accurate, submit an ADD QUEUED rather than an ADD ACTIVE request. This will yield more accurate results.

STR6209I COBOL II DETECTED

Explanation: STROBE detected that the COBOL II environment is active.

System Action: STROBE continues processing.

User Response: None required.

STR6211E INSUFFICIENT AVAILABLE MEMORY

Explanation: The STROBE measurement session cannot be initialized because of insufficient virtual storage. The STROBE measurement task requires 300K of storage in the extended private address space. Each of the optional STROBE Features has additional storage requirements. See the *STROBE MVS System Programmer's Guide* for all STROBE and STROBE Feature virtual storage requirements.

System Action: The STROBE environment is still available, but the measurement request terminates.

User Response: Notify the STROBE system programmer.

STR6212E TOO MANY ACTIVE REQUESTS

Explanation: The number of active measurement requests on the STROBE system exceeded the maximum set at system installation.

System Action: STROBE cannot process additional requests.

User Response: Notify the STROBE system programmer.

STR6213I PROGRAM *progrname* DETECTED - *alias* USED

Explanation: STROBE detected a program whose name on the EXEC PGM= statement (*progrname*) begins with a recognized alias for CICS, IMS, or CA-IDMS.

System Action: STROBE invokes module STRBCRB using the alias *alias*: DFHBCRB for CICS programs, DFSBCRB for IMS programs, and IDMBBCRB for CA-IDMS programs.

User Response: None required.

STR6214E STROBE INITIALIZATION IRB DID NOT COMPLETE - REASON=*text*

Explanation: The STROBE initialization processing under an IRB (Interrupt Request Block) did not complete. The system-supplied reason is in *text*.

System Action: STROBE does not process the request.

User Response: Notify the STROBE system programmer.

STR6215E MIM ADDRESS SPACE

Explanation: STROBE encountered a request to measure an address space that is running the MIM program. STROBE cannot measure such an address space because of an enqueue-handling conflict with MIM.

System Action: STROBE rejects the measurement request. This message follows STR6203E, which gives the jobname and session initialization time.

User Response: None required.

STR6216E HSM ADDRESS SPACE

Explanation: STROBE encountered a request to measure an address space that is running IBM's DFHSM program. STROBE cannot measure such an address space because of conflicts with Computer Associates' TMS program.

System Action: STROBE rejects the measurement request. This message follows STR6203E, which gives the jobname and session initialization time.

User Response: None required.

STR6217E SESSION MANAGER NOT ACTIVE

Explanation: The session manager is not active.

System Action: STROBE does not measure the current job.

User Response: Notify the STROBE system programmer to restart the session manager and resubmit the request.

STR6218E OPTIONS=NOQUIT REQUIRED

Explanation: STROBE detected a situation in which the STROBE measurement task must be attached as a job step task because the measured program already has job step tasks. The ADD operation did *not* specify the OPTIONS=NOQUIT operand, and the JSTCB parameter defined at STROBE installation either requires the OPTIONS=NOQUIT operand or disallows measurement of such jobs.

System Action: STROBE rejects the measurement request.

User Response: If the STROBE system programmer specified JSTCB=ALLOW in the STROBE parameter file, resubmit the request, and specify OPTIONS=NOQUIT.

STR6219W NOQUIT OPTION IN EFFECT

Explanation: STROBE added a measurement request for a job. The STROBE measurement task is attached as a job step task because the measured job attached its tasks as job step tasks. You cannot issue a QUIT command to this request, and the STROBE environment cannot be deactivated until the measurement task terminates.

System Action: STROBE continues processing. The measurement task remains in the target address space and does not terminate until the address space terminates.

User Response: To stop sampling, issue a STOP command. STROBE will close the sample data set and enter the wait state. The measurement task will terminate when the job step terminates.

STR6220W OPTIONS=NOJSTCB USED - (TSO|VIO STEPLIB|VIO|TCAM)- ENCOUNTERED

Explanation: STROBE cannot attach the user program as a job step task because of compatibility problems with TSO, VIO STEPLIB, VIO, or TCAM.

System Action: STROBE attaches the user program as a step task.

User Response: None required.

STR6221I STROBE ENVIRONMENT RECOVERY {SUCCESSFUL | UNSUCCESSFUL}

Explanation: The environment recovery command has completed either successfully or unsuccessfully, as stated in the message.

System Action: If the environment recovery command has completed successfully, the session manager will be operational. If it did not complete successfully, the session manager will remain terminated.

User Response: If the environment recovery command has completed successfully, restart STROBE.

If the environment recovery command was unsuccessful, save a copy of the STROBE log and contact Compuware Technical Support.

STR6222S SESSION MANAGER IS STILL INITIALIZING

Explanation: The STROBE address space has not yet completed initialization.

System Action: The STROBE address space is not yet available.

User Response: The time required for STROBE initialization depends upon a number of factors including the number of requests that exist at initialization and system performance. STROBE will be available once initialization completes. If this message persists, notify the STROBE system programmer.

STR6223E DATA SET NAME PREFIX IS LARGER THAN 26 CHARACTERS

Explanation: The data set name prefix entered in the STROBE parameter file is larger than 26 characters.

System Action: The session manager startup terminates with an error after processing the STROBE parameter file.

User Response: Contact the STROBE system programmer to correct the error and restart the session manager.

STR6224E INVALID EXPIRATION DATE SPECIFIED

Explanation: The expiration date specified in the STROBE parameter data set is invalid.

System Action: The session manager startup terminates with an error after processing the STROBE parameter file.

User Response: Notify the STROBESTROBE system programmer to correct the error and restart the session manager.

STR6225I DCB=(RECFM=VB, LRECL=137, BLKSIZE=blksize)

Explanation: STROBE displays the data control block (DCB) characteristics of the STROBE log. The record format (RECFM) is VB (variable block), the record length (LRECL) is 137, and the block size BLKSIZE) is *blksize*.

System Action: STROBE continues processing.

User Response: None required.

STR6226I SPACE= (alloc units, (xxxx,yyyy))

Explanation: STROBE displays the current space allocation of the STROBE log. *alloc units* can be block size (BLK), track (TRK), or cylinders (CYL). Primary allocation is *xxxx*, and secondary allocation is *yyyy*. *This message is followed by STR6229I.*

System Action: STROBE continues processing.

User Response: None required.

STR6227I NUMBER OF EXTENTS USED nn

Explanation: STROBE displays the current number of allocation extents, *nn*, used by the STROBE log.

System Action: STROBE continues processing.

User Response: None required.

STR6228I LOG HISTORY

Explanation: If the log data set is a generation data group, STROBE will display a history of the last ten STROBE logs used. This message is followed by STR6229I.

System Action: STROBE continues processing.

User Response: None required.

STR6229I dsname START TIME=(time date)

Explanation: STROBE displays the STROBE log name *dsname* followed by the start time *time* and start date *date*.

System Action: STROBE continues processing.

User Response: None required.

STR6230S STROBE SESSION REQUESTER ALREADY ACTIVE

Explanation: For the current job or user, the session requester is already active.

The session requester determined that there is another copy of the session requester active in the current address space.

System Action: The second copy of the session requester terminates with a return code of 12.

User Response: You are already in an active TSO session. Continue using the active session.

STR6231I NUMBER OF {CA|CI} SPLITS nnn

Explanation: STROBE displays the number *nnn* of CA or CI splits in the queue data set.

System Action: STROBE continues processing.

User Response: Use these VSAM statistics to guide you in optimizing the efficiency of the VSAM environment.

STR6232I NUMBER OF RECORDS IN QUEUE nnn

Explanation: STROBE displays the number, *nnn*, of records in the queue data set.

System Action: STROBE continues processing.

User Response: Use these VSAM statistics to guide you in optimizing the efficiency of the VSAM environment.

STR6233I LAST USED RBA rba1 HIGH ALLOC RBA rba2

Explanation: STROBE displays the last used relative block address (RBA), *rba1*, and the high allocated RBA, *rba2*, in the VSAM queue data set.

System Action: STROBE continues processing.

User Response: Use these VSAM statistics to guide you in optimizing the efficiency of the VSAM environment.

STR6234I NUMBER OF xxxxxxxx yyyyyyyy

Explanation: STROBE displays the number (yyyyyyy) of inserts, updates, or deletes (xxxxxxx) to the queue data set.

System Action: STROBE continues processing.

User Response: Use these VSAM statistics to guide you in optimizing the efficiency of the VSAM environment.

STR6235I FREE SPACE (BYTES) xxx

Explanation: The amount of FREE SPACE in bytes available in the current queue allocation is xxx.

System Action: STROBE continues processing.

User Response: None required.

STR6239I PROCESSING FOR ENV commandname {INITIATED | COMPLETED}

Explanation: The processing for command *commandname* has initiated, or it has completed.

System Action: None.

User Response: None required.

STR6240I ABEND abendtype abendcode - rsncode AT {modname | pswaddr} - [modoffset - csectname - csectoffset] jobname (asid) time date {UDUMP | ABEND| MDUMP| SDUMP} {PERC|RECUR}

Explanation: This message lists the history of ABENDS from which STROBE recovered since the last time the session manager was started. The type of ABEND *abendtype*, the system or user ABEND code *abendcode*, and reason code *rsncode* are followed by the name of the module *modname* or the address of the program status word *pswaddr*. If available, the offset of the module *modoffset*, the name of the control section *csectname* and the offset of the control section *csectoffset* appear. STROBE then records the job name *jobname (asid)* at time *time* on date *date*.

STROBE action is one of the following: UDUMP, ABEND, MDUMP, or SDUMP. Then either PERC or RECUR appear.

System Action: The STROBE measurement task or STROBE program terminates but user tasks are unaffected.

User Response: Notify the STROBE system programmer to contact Compuware Technical Support. Have the STROBE log available when calling in the trouble report.

STR6241I NO ABENDS DETECTED

Explanation: STROBE detected no ABENDs in the system since the last time the session manager was started.

System Action: STROBE continues processing.

User Response: None required.

STR6242E QUEUE PROCESSING ERROR - MAX REQUESTS nnn QUEUED REQUESTS READ mmm

Explanation: During session manager startup, STROBE encountered more requests on the queue data set *mmm* than the number defined by the MAX REQUESTS parameter *nnn* in the STROBE defaults.

System Action: STROBE terminates.

User Response: Notify the STROBE system programmer. The STROBE system programmer must increase the STROBE defaults to allow for the number of requests to be read from the queue.

STR6243S STROBE INITIALIZATION TERMINATED - ENVIRONMENT DOES NOT SUPPORT USE OF XCF GROUPS

Explanation: You specified the XCFGROUP= parameter in the STROBE parameter data set so that you can join the STROBE-XCF group. Your version of the MVS operating system, however, does not support use of STROBE-XCF groups. To use STROBE-XCF groups, the system must be at MVS/ESA V4R1 or higher.

System Action: STROBE terminates initialization.

User Response: Notify the STROBE system programmer.

STR6244S STROBE INITIALIZATION TERMINATED - UNABLE TO JOIN STROBE-XCF GROUP *text*

Explanation: STROBESTROBE could not join the STROBE-XCF group. One of the following statements appears in *text*:

- INVALID GROUP NAME IN INSTALLATION PARAMETERS
- DUPLICATE STROBE-XCF MEMBER NAME
- SYSPLEX HAS MAXIMUM NUMBER OF XCF GROUPS
- STROBE ERROR DURING *function* PROCESSING
- XCF ERROR DURING JOIN PROCESSING RETURN CODE *rc* REASON CODE *rsnc*

System Action: STROBE terminates initialization.

User Response: In the first case, examine and change the specification for the XCFGROUP parameter. In the last four cases, notify the STROBE system programmer.

STR6245S STROBE INITIALIZATION TERMINATED - UNABLE TO COMMUNICATE WITH STROBE-XCF GROUP

Explanation: STROBE could not communicate with the other STROBE-XCF group members once it had joined the STROBE-XCF group.

System Action: STROBE terminates initialization.

User Response: Notify the STROBE system programmer.

STR6246S STROBE INITIALIZATION TERMINATED - {QUEUE DATA SET NAME|MESSAGE DATA SET NAME| RELEASE LEVEL| VERSION CHARACTER} DOES NOT MATCH STROBE-XCF GROUP

Explanation: One or more of the following values does not match the corresponding value for the STROBE-XCF group:

- data set name for queue
- data set name for message
- release level
- version character

System Action: STROBE terminates initialization.

User Response: Notify the STROBE system programmer.

STR6247I PARAMETER(S) *parameter1, parameter2, parameter3*, CHANGED TO *value1, value2, value3*, TO MATCH STROBE-XCF GROUP VALUES

Explanation: STROBE changed the values that you specified for the named parameter(s) *parameter1, parameter2, parameter3*, to the values specified in *value1, value2, value3*. The values were changed to conform to the values that the STROBE-XCF group uses. In a multisystem environment, these values must be the same among all members of the group.

System Action: STROBE continues initialization.

User Response: None required.

STR6248E *commandname* COMMAND PROCESSING TERMINATED - ERROR DURING *fnctname* PROCESSING

Explanation: STROBE terminated processing for command *commandname* because it experienced an error while processing the internal function, subroutine, or value indicated in *fnctname*.

System Action: STROBE does not process the command.

User Response: Notify the STROBE system programmer.

STR6249W REQUEST FOR JOB *jobname* MAY NOT BE QUEUED TO SYSTEM *sysname* - INSUFFICIENT ACCESS AUTHORITY

Explanation: Your job *jobname* may not be queued on system *sysname* (one of the systems to which you targeted the request) because the security data base of the system on which you entered the request indicates that you are not authorized to measure the job on the system.

System Action: STROBE still routes this request to all systems to which you targeted the request.

The security data bases of those systems will check your authorization. If STROBE finds one or more systems on which you are authorized to measure job *jobname*, STROBE will queue the request on those systems.

User Response: To measure a job on any specific system, the STROBE system programmer or security administrator must grant you access to the system in its security data base. The STROBE system programmer may want to change the systems on which you are authorized to submit measurement requests.

STR6250I [*text*,] [*rel*,] [*lvl*,] [*volser*]

Explanation: This message lists information in response to a SHOW DEFAULTS command. In *text* it provides default values supplied through the parameter file and currently in storage. In addition it can display: the current release of STROBE (*rel*), the STROBE PTF level (*lvl*), and the STROBE tape volume serial number (*volser*).

System Action: None.

User Response: None required.

STR6251W REQUEST DELETED BEFORE AUTOMATIC PERFORMANCE PROFILE SUBMISSION ROUTINE CALLED

Explanation: The completed request that stipulated automatic creation of a Performance Profile has been deleted.

System Action: STROBE does not process the request.

User Response: To obtain an automatically created Performance Profile, you must resubmit the request.

STR6252E AUTOMATIC PERFORMANCE PROFILE COULD NOT BE CREATED *error reason*

Explanation: The Performance Profile could not be automatically created. *error reason* is one of the following:

- The internal variable SESSID is invalid.
- The internal variable SAMPDSN is invalid.
- The sample data set name *sdsname* is invalid.
- ACEEUSRI is invalid.

System Action: STROBE does not process the request.

User Response: Notify the STROBE system programmer. If you require further assistance, contact Compuware Technical Support.

STR6253W PERFORMANCE PROFILE JCL CONTAINED UNRECOGNIZED TOKEN *token*

Explanation: STROBE was unable to recognize and could not substitute a value for the token *token*.

System Action: Depending upon the nature of the error, STROBE may or may not produce a Performance Profile.

User Response: Verify the JCL used and resubmit the request.

STR6254E AUTOMATIC PROFILE CREATION COULD NOT BE COMPLETED. {TOKEN <SAMDNS> NOT FOUND} {TOKEN <PRINTDSN>NOT FOUND}

Explanation: The Performance Profile could not be automatically created because either SAMDSN or PRINTDSN could not be found.

System Action: STROBE does not process the request.

User Response: Verify the JCL used and resubmit the request.

STR6255E INTRDR DYNAMIC ALLOCATION FAILED RC= *rc* ERC/IRC= *erc/irc*

Explanation: STROBE could not allocate the internal reader data set. The return code is *rc*, the error reason code is *erc*, and the information reason code is *irc*.

System Action: The requested STROBE command fails. Depending upon the nature of the error, STROBE may or may not continue processing.

User Response: Notify the STROBE system programmer.

STR6256E INTRDR OPEN FAILED. RC = *rc*

Explanation: STROBE could not open the internal reader. The return code is *rc*.

System Action: STROBE does not process the request.

User Response: Save the contents of the STROBE log and contact Compuware Technical Support.

STR6257I JCL SUBMITTED FOR AUTOMATIC PROFILE CREATION

Explanation: The JCL for creating a Performance Profile automatically has been successfully submitted.

System Action: STROBE processes the request.

User Response: None required.

STR6258S SESSION REQUESTER ABEND RECOVERY COMPLETE - {TERMINATING | CONTINUING} *yyyy/zzzz*

Explanation: STROBE experienced an ABEND. *yyyy* is the amount of stack space used. *zzzz* is the amount of stack space allocated.

System Action: STROBE continues or terminates, as stated in the message.

User Response: Contact the STROBE system programmer to correct the problem.

STR6259S SESSION MANAGER ABEND RECOVERY COMPLETE - {TERMINATING | CONTINUING} *yyyy/zzzz*

Explanation: STROBE experienced an ABEND. *yyyy* is the amount of stack space used. *zzzz* is the amount of stack space allocated.

System Action: STROBE continues or terminates, as stated in the message.

User Response: Contact the STROBE system programmer to correct the problem.

STR6260E REQUEST *nnnn* COMPLETE - CHANGE NOT VALID

Explanation: You submitted a CHANGE operation for measurement request *nnnn*, but that request has already terminated. For a completed request, only a CHANGE operation with RETAIN=COMPLETE=*rrr* is valid, where *rrr* is the number of days the request is to be retained.

System Action: STROBE does not process the request.

User Response: None required.

STR6261I {*request|element*} *nnnn* *jobname* STEP=*stepname* CREATED=*date time* [*expiration*] [*groupname*] *parameters*

Explanation: STROBE displays individual command information in response to a LIST, LISTGRP, ADD, CHANGE, SEND, or DELETE command. For a LIST, ADD, CHANGE, SEND or DELETE command, it lists the STROBE request number, *request nnnn*, the name of the target job, *jobname*, the target step, *stepname*, the date and time the request was created, *date* and *time*, the expiration date, *expiration*, the name of the request group, *groupname*, and the selected parameters, *parameters*. For a LISTGRP command, it lists the STROBE element number, *element nnnn*, the name of the target job, *jobname*, the target step, *stepname*, the date and time the request was created, *date* and *time*, and the name of the request group, *groupname*.

System Action: None.

User Response: None required.

STR6262I {*qname rname*}| {GQSCAN-INCOMPLETE}| {GQSCAN-RC=*rc*}

Explanation: For *qname rname*, STROBE listed a resource's major name *qname* and minor name *rname* in response to a SHOW ENQUEUES command. For GQSCAN-INCOMPLETE, the IBM MVS service GQSCAN issued an incomplete list of resource major names *qnames* and minor names *rnames* in response to a SHOW ENQUEUES command. For GQSCAN-RC=*rc*, the IBM MVS service GQSCAN issued a return code of *rc* in response to a failed SHOW ENQUEUES command.

System Action: None.

User Response: For *qname rname*, the command executed successfully and no response is required. For GQSCAN-INCOMPLETE, the command executed unsuccessfully. Resubmit the SHOW ENQUEUES command to view the entire list of resource major names *qnames* and minor names *rnames*. For GQ-SCAN- RC=*rc*, refer to the *MVS/ESA SP V4 Authorized Assembler Reference* manual for an explanation of the return codes' meanings.

STR6263I *asid jobname stepname stepname progame* - ATTACH FILTER INFO

Explanation: This message is issued when a program for which there is an Add Queued request executes. The job to be measured with STROBE is identified by its address space identifier *asid*, job name, *jobname*, and step names, *stepname*. The name of the program that requests STROBE measurement is given in *progame*.

System Action: None.

User Response: None required.

STR6264E SEND COMMAND FAILED - PREVIOUS SEND IN PROGRESS FOR REQUEST *nnnn*

Explanation: The SEND command that you issued failed because a SEND command has already been issued for request *nnnn*.

System Action: STROBE does not process the request.

User Response: Wait until the previous SEND command has completed. Check the STROBE log for additional messages.

STR6265E REQUIRED POSITIONAL PARAMETER MISSING

Explanation: A positional parameter that is required for the command is missing.

System Action: STROBE does not process the request.

User Response: Reissue the command using the correct required positional parameter. For the correct syntax for the command, refer to "Measuring with STROBE Command Language" in the *STROBE MVS User's Guide* or the *STROBE MVS User's Guide with Advanced Session Management*.

STR6266I GROUP *groupname*, GRPOWNER=*grpowner*

Explanation: This message is issued in response to a LISTGRP command that specifies the group name. It identifies the name of the group and will always be followed by STR6261I.

System Action: None.

User Response: None required.

STR6267E THE KEYWORD USER IS REQUIRED ON THE JOB STATEMENT

Explanation: The keyword USER and the associated value is missing from the job statement JCL.

System Action: STROBE will not process the request.

User Response: Notify your STROBE systems programmer.

STR6268E THE KEYWORD USER VALUE DOES NOT MATCH THE ACTUAL USER

Explanation: The value for the keyword USER on the job statement is not valid because it does not match the user's user ID.

System Action: STROBE does not process the request.

User Response: Specify the user's user ID and resubmit the job statement.

STR6269E THE JOB STATEMENT SPECIFIED CONTAINED A PASSWORD KEYWORD

Explanation: The job statement contained a PASSWORD keyword. For security reasons, this parameter is not allowed on the job statement.

System Action: STROBE does not process the request.

User Response: Resubmit the job statement and do not use the PASSWORD keyword.

STR6270E *routine* - QUEUE DELETE FAILED. RC *rc* RSNC *rsnc*

Explanation: An error occurred while routine *routine* was attempting to delete a record from the queue data set. The VSAM return code is *rc*, and the VSAM reason code is *rsnc*.

System Action: STROBE continues processing.

User Response: Notify the STROBE system programmer.

STR6271E *routine* - QUEUE READ FAILED - RC *rc* RSNC *rsnc*

Explanation: An error occurred while routine *routine* was attempting to read a record on the queue data set. The VSAM return code is *rc*, and the VSAM reason code is *rsnc*.

System Action: The session manager terminates.

User Response: Notify the STROBE system programmer.

STR6272E *routine* - QUEUE UPDATE FAILED: RC *rc* RSNC *rsnc*

Explanation: An error occurred while routine was attempting to update a record on the queue data set. The VSAM return code is *rc*, and the VSAM reason code is *rsnc*.

System Action: The session manager terminates.

User Response: Notify the STROBE system programmer.

STR6273I *jobname* (*jobidentifier*) SUBMITTED FOR AUTOMATIC PROFILE CREATION

Explanation: The JCL with *jobname* for creating a Performance Profile automatically has been successfully submitted and assigned the job identifier *jobidentifier*.

System Action: STROBE processes the request.

User Response: None required.

STR6274E *routine* - QUEUE OPEN FAILED - RC *rc* RSNC *rsnc*

Explanation: An error occurred while routine was attempting to open a record on the queue data set. The VSAM return code is *rc*, and the VSAM reason code is *rsnc*.

System Action: The session manager terminates.

User Response: Notify the STROBE system programmer.

STR6275E LOG HISTORY PROCESSING FAILED - RC *rc* RSNC *rsnc*

Explanation: An error occurred while STROBE attempted to read or write to the STROBE log measurement session history record on the queue data set. The return code is *rc*, and the reason code is *rsnc*.

System Action: STROBE continues processing.

User Response: Notify the STROBE system programmer.

STR6276E SESSION MANAGER FUNCTION ERROR - ROUTINE *routinename* FUNCTION *fnctcode* SMRC *smrc* FRC *fntrc*

Explanation: An error occurred in the session manager while processing a request. The routine that detected the error is given in *routinename*. The function code for the request that was being processed when the error occurred is given in *fnctcode*. The return code from the session manager is *smrc*, and function return code is *fntrc*.

System Action: Depending on the severity and nature of the error, STROBE will continue processing the request or terminate the request.

User Response: Note the error messages that STROBE returns to your terminal and check the STROBE log for additional messages associated with the request number. Take action based on this information. For more information on the cause of the error, determine the definition of the function code, given in *fnctcode*, by referencing it in the table entitled "Function Codes Returned by STROBE Session Manager" in Chapter 3, "Abend Codes Returned by STROBE".

STR6277E LOG DATA SET IS NOT IN A GENERATION DATA GROUP. PLEASE USE COMMAND LOGCLEAR TO CLEAR LOG DATA SET

Explanation: You entered a LOGSWITCH command for a nongeneration data group (non-GDG) log data set.

System Action: STROBE does not process the request. The LOGSWITCH command is invalid for a non-GDG log data set.

User Response: Use the LOGCLEAR command or the STROBE log utility STRBCLOG to clear the current STROBE log.

STR6278E LOG DATA SET IS IN THE GENERATION DATA GROUP. PLEASE USE COMMAND LOGSWITCH TO SWITCH LOG DATA SET

Explanation: You entered the LOGCLEAR command for a generation data group (GDG) log data set. The LOGCLEAR command is invalid for a GDG log data set.

System Action: STROBE continues processing.

User Response: Use the LOG SWITCH command rather than the LOGCLEAR command.

STR6279I LOGCLEAR COMPLETE - SYSLOG DATA SET HAS BEEN CLEARED

Explanation: The LOGCLEAR command executed. The STROBE log is cleared and ready to be used.

System Action: STROBE continues processing.

User Response: None required.

STR6280E ISPF REENTRY WITHOUT INIT CALL

Explanation: STROBE encountered an internal error while processing an ISPF request.

System Action: STROBE terminates processing the request.

User Response: Exit from STROBE to ISPF, and then reinvoke STROBE from the ISPF PRIMARY OPTIONS panel. If the problem persists, notify the STROBE system programmer.

STR6282E BLDL FAILED FOR MODULE *modname*

Explanation: STROBE detected an internal error while trying to locate the module *modname*.

System Action: STROBE terminates abnormally, with ABEND code 620-4.

User Response: Examine the ABEND output accompanying this message for more information. Notify the STROBE system programmer.

STR6283E INTERNAL ERROR *modname* NOT FOUND

Explanation: STROBE detected an internal error while trying to locate the module *modname*.

System Action: STROBE terminates abnormally, with user ABEND code 610-5.

User Response: Examine the ABEND output accompanying this message for more information. Notify the STROBE system programmer.

STR6284E INTERNAL ERROR INVALID PARAMETER LIST PASSED TO LOGSUB RTN

Explanation: STROBE detected an internal error while processing a parameter list.

System Action: STROBE terminates abnormally, with user ABEND code 610-6.

User Response: Examine the ABEND output accompanying this message for more information. Notify the STROBE system programmer.

STR6285E INTERNAL ERROR INVALID RETURN FROM QREC RTN

Explanation: STROBE detected an internal error while processing a request.

System Action: If this error occurs during STROBE initialization, the request is deleted and initialization continues. In other cases, STROBE terminates abnormally, with user ABEND code 610-7.

User Response: Examine the ABEND output accompanying this message for more information. Notify the STROBE system programmer.

STR6286E ATTACH FILTER ENABLED DURING REMOVE ENV PROCESSING

Explanation: STROBE detected an internal error while processing an ENV REMOVE request.

System Action: STROBE terminates abnormally, with user ABEND code 610-8.

User Response: Examine the ABEND output accompanying this message for more information. Notify the STROBE system programmer.

STR6289E INTERNAL LOGIC ERROR SEARCHING SVC TABLE

Explanation: STROBE detected an internal error while searching the SVC table.

System Action: STROBE terminates abnormally, with user ABEND code 610-10.

User Response: Examine the ABEND output accompanying this message for more information. Notify the STROBE system programmer.

STR6290E SYSTEM SERVICE FAILED (*sysserve*) *ddname* - RC=*rc* [*erc*]

Explanation: The system service *sysserve* for *ddname* *ddname* failed. The return code is *rc*, and the reason code, if given, is *erc*.

System Action: If OPEN fails for the SYSQUEUE data set, STROBE terminates abnormally with user ABEND code 610-9.

User Response: Notify the STROBE system programmer.

STR6291E DATA SET NOT ALLOCATED - *ddname*

Explanation: The data set with data definition name *ddname* is not allocated.

System Action: STROBE cannot find the data set and does not process the request.

User Response: If the message shows STRMTLIB as the unallocated *ddname*, then your installation may be set up to run STROBE out of an APF-authorized load library, but the target jobstep (or user ID) did not correctly allocate that load library. Verify that the target jobstep correctly allocates the APF-authorized load library and retry the job. If the error persists, notify the STROBE system programmer.

STR6292E OPEN FOR *ddname1*(*ddname2*) FAILED

Explanation: The data definition name for the data set with logical name *ddname1* and true *ddname* *ddname2* cannot be opened.

System Action: STROBE may terminate.

User Response: Check the data definition statements to ensure that STROBE is trying to open the correct data set. If the statements are correct, notify the STROBE system programmer.

STR6293E *nnn* MESSAGES LOST [FOR JOB *jobname*][FOR REQUEST *rrrr*]

Explanation: Excessive messages accumulated for either *jobname* or the request *rrrr*. STROBE is unable to write the messages to the STROBE log.

System Action: STROBE discards *nnn* messages and continues processing.

User Response: Notify the STROBE system programmer.

STR6294E INVALID SYSLOG SPECIFICATION

Explanation: STROBE detected an invalid STROBE log. Possible causes include assignments to:

- DD Dummy
- a SYSOUT class
- a non-DASD device

System Action: STROBE terminates.

User Response: Notify the STROBE system programmer. There has probably been an installation error.

STR6295E DYNAMIC ALLOCATION FAILED - RC=*rc*; ERC/IRC=*erc/irc*; *dsname*

Explanation: STROBE cannot allocate the data set *dsname*. The return code is *rc*, the error reason code is *erc*, and the information reason code is *irc*.

System Action: The requested STROBE command fails. STROBE may or may not continue processing.

User Response: Notify the STROBE system programmer.

STR6296I NEW SYSLOG DATA SET IDENTIFIED: SWITCHING TO *dsname*

Explanation: STROBE determined that a new GDG log data set *dsname* was cataloged and is automatically switching to the new data set.

System Action: Log processing continues using the new data set. STROBE records all further messages in the new data set.

User Response: None required.

STR6297S MODULE *modname* NOT FOUND IN {*linklist*|*steplib*}

Explanation: STROBE cannot find the module *modname* in either *linklist* or *steplib*.

System Action: STROBE does not process the request.

User Response: Notify the STROBE system programmer. There has probably been an error installing STROBE or defining STROBE to execute from an APF-authorized library. This procedure is explained in the *STROBE MVS System Programmer's Guide*.

STR6298S INCOMPATIBLE MODULE- *modname* - string {APF|LNK}*nnn*

Explanation: The module *modname* is invalid. *string* provides identifying information taken from the beginning of the module. STROBE found the incompatible module in either APF (APFLIB concatenation) or LNK (LINKLIST concatenation), where *nnn* is the position within the concatenation in which STROBE found the module.

System Action: STROBE does not process the request.

User Response: Notify the STROBE system programmer. There has probably been an installation error.

STR6299I LOGSWITCH COMPLETE - NEW LOG DATA SET IS *syslog name*

Explanation: The LOGSWITCH command completed. STROBE allocated the new GDG log data set *syslog name*.

System Action: Log processing continues using the new data set. STROBE records all further messages in the new data set.

User Response: None required.

STR6300I INPUT = *operand*

Explanation: STROBE received a request for an operation and displays the operation and its operands in *operand*.

System Action: STROBE continues processing.

User Response: None required.

STR6301E SYNTAX ERROR DETECTED PROCESSING - *data*

Explanation: STROBE detected a syntax error while interpreting a request. The error was within the data shown in *data*.

System Action: STROBE does not process the request.

User Response: Correct the error and resubmit the request.

STR6302E EXPECTED CONTINUATION NOT RECEIVED

Explanation: You submitted an incomplete operation.

System Action: STROBE does not process the request.

User Response: Complete and resubmit the request. See the *STROBE MVS User's Guide* for a description of STROBE operations.

STR6303E EXTRANEIOUS OPERANDS - *characters*

Explanation: STROBE detected nonblank characters between the operand and comment fields of a request. The character string is *characters*.

System Action: STROBE does not process the request.

User Response: Eliminate the extraneous characters and resubmit the request.

STR6304E REQUIRED OPERAND MISSING
[- *operand*]

Explanation: A required operand is missing. If given, the missing operand is *operand*.

System Action: STROBE does not process the request.

User Response: Specify the missing operand and resubmit the request.

STR6305E EXCESSIVE OPERAND LENGTH - *operand*

Explanation: STROBE detected an operand (*operand*) whose keyword length exceeds the maximum number of characters.

System Action: STROBE does not process the request.

User Response: Correct the error and resubmit the request.

STR6306E AUTOMATIC PROFILE CREATION SUBMISSION FAILED

Explanation: The IBM MVS internal reader rejected the JCL that you submitted for automatic Profile creation.

System Action: Because the internal reader rejected the JCL, a Profile could not be automatically created.

User Response: You cannot create a Performance Profile automatically. You can, however, create a Performance Profile using the sample data set, which is valid.

STR6307I STROBE ADDRESS SPACE IS {SWAPPABLE | NON-SWAPPABLE}

Explanation: The STROBE address space is running in either a swappable or non-swappable mode. You can set the mode using the SWAP = parameter. Setting the mode to SWAP = NO will improve the performance of the STROBE address space.

System Action: None.

User Response: None required.

STR6308W TRANSWAP FAILED IN *rc*

Explanation: STROBESTROBE issues this message when a customer's request for the STROBE address space to run in SWAP = NO mode fails. The return code, *rc*, indicates the reason code for the failure.

System Action: The STROBE address space continues to run in a swappable mode.

User Response: Contact Compuware Technical Support.

STR6309I DISPOSITION=KEEP IS INVALID WITH SMS PARAMETERS OVERRIDDEN TO CATLG

Explanation: STROBE determined that an SMS parameter was coded on a measurement request with a data set disposition of KEEP.

System Action: Because the disposition of KEEP is invalid for an SMS data set, STROBE uses a disposition of CATLG instead.

User Response: None required.

STR6310E UNIDENTIFIED OPERAND - *operand*

Explanation: STROBE encountered an unidentified operand keyword *operand* while processing a request.

System Action: STROBE does not process the request.

User Response: Correct the error and resubmit the request.

STR6311E AMBIGUOUS OPERAND - *operand*

Explanation: STROBE encountered an ambiguous operand keyword *operand* while processing a request.

System Action: STROBE does not process the request.

User Response: Supply a unique abbreviation for the operand and resubmit the request.

STR6312E DUPLICATE OPERAND - *operand*

Explanation: STROBE encountered a duplicate operand keyword *operand* while processing a request.

System Action: STROBE does not process the request.

User Response: Remove one of the operands and resubmit the request.

STR6313E MUTUALLY EXCLUSIVE OPERANDS - *operand1 operand2*

Explanation: A request specifies keyword operands that are mutually exclusive.

System Action: STROBE does not process the request.

User Response: Eliminate all but one of the conflicting operands and resubmit the request.

STR6314E INVALID OR MUTUALLY EXCLUSIVE OPERANDS ON ENVIRONMENT COMMAND

Explanation: An ENV command specifies keyword operands that are invalid or mutually exclusive.

System Action: STROBE does not process the request.

User Response: Eliminate the invalid operands, or all but one of the conflicting operands, and resubmit the request.

STR6315E INVALID OPERATION - *operation*

Explanation: STROBE encountered an invalid operation keyword *operation* while processing a request.

System Action: STROBE does not process the request.

User Response: Correct the error and resubmit the request.

STR6316E AMBIGUOUS OPERATION - *operation*

Explanation: STROBE encountered an ambiguous operation keyword *operation* while processing a request.

System Action: STROBE does not process the request.

User Response: Supply a unique abbreviation for the operation, and resubmit the request.

STR6317E MAXIMUM OF *number* LIST ENTRIES ALLOWED FOR LIST CONTAINING VALUE: *value*

Explanation: An ADD or CHANGE request contained a list of entries that is too large. The list of entries contains the value, and is limited to *number* of entries.

System Action: STROBE does not process the request.

User Response: Specify a list of values with fewer entries and submit the ADD or CHANGE request again.

STR6318W STORAGE OBTAIN FOR EPVT FAILED

Explanation: An attempt to measure an OS/390 UNIX System Services fork job was made. STROBE was unable to reserve the first several pages of EPVT, which results in an abend further into the measurement process.

System Action: STROBE continues processing the request.

User Response: None required.

STR6319E INVALID USE OF WILDCARD

Explanation: An ADD or CHANGE request is invalid because it had a wildcard (*) in the first character of a jobname parameter. A wildcard character is only valid as the last character in a jobname or as the only character.

System Action: STROBE does not process the request.

User Response: Reenter the request using a valid character for the first character of the jobname parameter.

STR6320E *ddname* FILE REQUIRES VSAM SHAREOPTIONS(4,3)

Explanation: The VSAM file *ddname* is not defined with SHAREOPTIONS(4,3), which STROBE requires.

System Action: STROBE fails to initialize.

User Response: Use the IDCAMS option ALTER to change the VSAM file to SHAREOPTION(4,3), or delete and redefine the VSAM file with SHAREOPTIONS(4,3).

STR6330E INVALID DECIMAL NUMBER - *number*

Explanation: While processing a request, STROBE found nonnumeric characters, *number*, in a field that only accepts numeric numbers, or STROBE found a numeric value greater than 2,147,483,647.

System Action: STROBE does not process the request.

User Response: Correct the number and resubmit the request.

STR6332W *nnn* IS TOO SMALL - *min* U

Explanation: STROBE found a number *nnn* to be beneath the range of acceptable values.

System Action: STROBE replaces the number with *min*, the smallest allowable value for that range, and continues processing.

User Response: If you want to increase the value from *min*, use the CHANGE command to modify the request.

STR6333W *nnn* IS TOO LARGE - *max* USED

Explanation: STROBE encountered a number (*nnn*) to be above the range of acceptable values.

System Action: STROBE replaces the number with *max*, the largest acceptable value for that range, and continues processing.

User Response: If you want to decrease the value from *max*, use the CHANGE command to modify the request.

STR6334E INVALID HEX STRING *hexstring*

Explanation: STROBE detected an invalid operand representing a hexadecimal character string *hexstring*.

System Action: STROBE does not process the request.

User Response: Correct the value and resubmit the request.

STR6335E INVALID *operand* SPECIFICATION

Explanation: The value specified for the operand *operand* on the ADD, CHANGE, LIST, or SEND operation is invalid. For example, specifying EXCLUDE=*ALL will elicit this message. This message will also be issued when DISP specifies SYSTEM=*ALL.

System Action: STROBE does not perform the operation.

User Response: Correct the operand and resubmit the request.

STR6336W STRBCXAC (*parm*) *nnn* IS TOO LARGE - *max* USED

Explanation: STROBE user exit STRBCXAC modified a parameter, *parm*, and the new value, *nnn*, is too large.

System Action: The exit interface will supply *max*, the largest value allowed.

User Response: Notify the STROBE system programmer that the exit STRBCXAC has an error.

STR6337W STRBCXAC (*parm*) *nnn* IS TOO SMALL - *min* USED

Explanation: STROBE user exit STRBCXAC modified a parameter, *parm*, and the new value, *nnn*, is too small.

System Action: The exit interface will supply *min*, the smallest value allowed.

User Response: Notify the STROBE system programmer that the exit STRBCXAC has an error.

STR6338E INVALID SYSTEM NAME *sysname* - NOT A STROBESTROBE-XCF GROUP MEMBER

Explanation: The system *sysname* is not a system in the STROBE-XCF group.

System Action: STROBE does not process the request.

User Response: Resubmit the request with a valid system name. To see a list of members in the STROBE-XCF group, enter the SHOW MEMBERS command.

STR6350I *nnn* RECORDS COPIED FROM ACTIVE LOG

Explanation: STROBE utility STRBCLOG copied *nnn* records from the active STROBE log to the backup data set.

System Action: STROBE copied and cleared the active log. The session manager can resume processing.

User Response: None required.

STR6351E DDNAME - SYSUT1 - NOT FOUND

Explanation: STROBE utility STRBCLOG could not find ddname SYSUT1.

System Action: STROBE terminates.

User Response: Review the documentation and JCL to ensure that you adhere to the proper procedures for running STROBE.

STR6360E QCREATE INTERNAL ERROR - QGWA ALREADY EXISTS

Explanation: A duplicate call was made to build a queue global work area (QGWA).

System Action: The session manager terminates.

User Response: Contact Compuware Technical Support.

STR6361E *fnctname* INTERNAL ERROR - QGWA DOES NOT EXIST

Explanation: A function *fnctname* failed because STROBE could not find a queue global work area (QGWA) control block.

System Action: The session manager terminates.

User Response: Contact Compuware Technical Support.

STR6362I QUEUE DATASET ENVIRONMENT REMOVED

Explanation: STROBE disabled the queue data set processing.

System Action: STROBE continues processing.

User Response: None required.

STR6363E *fnctname* - *ddname* DATASET NOT OPERATIONAL

Explanation: While executing function *fnctname*, STROBE found that the data set that ddname *ddname* refers to is not operational.

System Action: The session manager terminates.

User Response: Contact Compuware Technical Support.

STR6364E *fnctname* - *ddname* ENVIRONMENT NOT ESTABLISHED

Explanation: STROBE attempted to use the data set referred to by ddname *ddname* without first building the necessary control blocks. The function name that detected the error is *fnctname*.

System Action: The session manager terminates.

User Response: Contact Compuware Technical Support.

STR6365E QOPEN - *ddname* DATASET ALREADY OPEN

Explanation: STROBE attempted to open the data set that ddname *ddname* refers to and found that it was already opened.

System Action: The session manager terminates.

User Response: Contact Compuware Technical Support.

STR6366E *fnctname* - *ddname* - QGWA CORRUPTION DETECTED

Explanation: While processing a call for function *fnctname* and ddname *ddname*, STROBE detected queue global work area (QGWA) corruption.

System Action: The session manager terminates.

User Response: Contact Compuware Technical Support.

STR6367E *fnctname* - *ddname* DATASET NOT OPEN

Explanation: STROBE function *fnctname* found that the data set that ddname *ddname* refers to was already closed.

System Action: The session manager terminates.

User Response: Contact Compuware Technical Support.

STR6368E *fnctname* - *ddname* PLIST MISSING OR INVALID

Explanation: While processing a call for function *fnctname* and ddname *ddname*, STROBE found that the parameter list was missing or invalid.

System Action: The session manager terminates.

User Response: Contact Compuware Technical Support.

STR6369E *fnctname* *ddname* - QPL POINTER INVALID AT *addr*

Explanation: While processing function *fnctname* for ddname *ddname*, STROBE found that the queue parameter list pointer at address *addr* was invalid.

System Action: The session manager terminates.

User Response: Contact Compuware Technical Support.

STR6370S *ddname* DATASET NOT ALLOCATED

Explanation: During startup, STROBE determined that the data set that ddname *ddname* refers to was missing. STROBE requires that this data set be allocated.

System Action: The session manager terminates.

User Response: Ask the STROBE system programmer to correct the session manager JCL and restart the session manager.

STR6371S QSER - *ddname* RESERVE ALREADY OUTSTANDING

Explanation: STROBE attempted to issue two reserves for the same queue data set that ddname *ddname* refers to.

System Action: The session manager terminates.

User Response: Contact Compuware Technical Support.

STR6372S *fnctname* - *ddname* RESERVE NOT ISSUED

Explanation: In the function *fnctname*, STROBE attempted to open the data set that ddname *ddname* refers to without first reserving it.

System Action: The session manager terminates.

User Response: Contact Compuware Technical Support.

STR6373W QOPEN - *ddname* VSAM OPEN STATUS RC=*rc* RSN=*rsn*

Explanation: STROBE determined that the data set that ddname *ddname* refers to was not properly closed and that VSAM has performed an implicit VERIFY. The VSAM return code is *rc*, and the VSAM reason code is *rsn*.

System Action: STROBE continues processing normally.

User Response: Notify the STROBE system programmer.

STR6374E QOPEN - *ddname* UNABLE TO INITIALIZE DATASET RC=*rc*

Explanation: STROBE was unable to complete the initialization of the data set that *ddname* refers to. The VSAM return code is *rc*.

System Action: The session manager terminates.

User Response: Contact Compuware Technical Support.

STR6375E *fnctname* - *failingfnct* *ddname* STATUS RC=*rc* RSN=*rsn*

Explanation: A function, *failingfnct*, failed for the data set that *ddname* refers to. The return code of the failed function is *rc*, and the reason code of the failed function is *rsn*. *fnctname* is the function currently executing.

System Action: The session manager terminates.

User Response: Contact Compuware Technical Support.

STR6376E QDDFIND - *ddname* DDNAME INVALID

Explanation: The *ddname* referred to by *ddname* that was passed to the STROBE QDDFIND function is invalid.

System Action: The session manager terminates.

User Response: Contact Compuware Technical Support.

STR6377E QDDFIND - *ddname* DSNAME TABLE POINTER INVALID at *addr*

Explanation: STROBE function QDDFIND found that the data set table pointer in the *ddname* table referred to by *ddname* is invalid at address *addr*.

System Action: The session manager terminates.

User Response: Contact Compuware Technical Support.

STR6378I *call*=*routine* LEN=*length* KEY=*key* DATE=*date* TIME=*time*

Explanation: STROBE issues this message in response to a SHOW SMTRACE command or during ABEND processing. It introduces trace table record information. The type of *call* is *call* and its values may be CVENTER, CVEXIT, or ENTRY. The name of the routine is *routine*. The length of the data is *length*, and the storage key of the data is *key*. The date and time that STROBE wrote the trace record is *date* and *time*. STR6379I follows this message.

System Action: STROBE continues processing.

User Response: None required.

STR6379I DATA= *aaaaaaaa bbbbbbbb cccccccc dddddddd eeeeeeee ffffffff gggggggg hhhhhhhh*

Explanation: Following DATA=, STROBE prints the trace table record information.

System Action: STROBE continues processing.

User Response: None required.

STR6380E PARAMETER *parm* INVALID WHEN STROBE IS STROBENOT IN MULTISYSTEM MODE

Explanation: The command contains a parameter *parm* that is invalid when STROBE is not in multisystem mode. Examples of these parameters include SYSTEM= and EXCLUDE=.

System Action: STROBE does not process the command.

User Response: Contact the STROBE system programmer if you would like to operate in multisystem mode. Otherwise, resubmit the command without the invalid parameter.

STR6381I DATE FORMAT IS *date* TIME FORMAT IS *time*

Explanation: The date format you chose is *date* and the time format you chose is *time*. If you did not change the date and time format, STROBE uses the defaults: MM/DD/YYYY (month/day/year) for the date and HH:MM:SS (hours:minutes:seconds) for the time.

System Action: STROBE continues processing.

User Response: None required.

STR6382W INVALID TRACE TABLE. CANNOT PRINT

Explanation: During ABEND recovery processing or in response to a SHOW SMTRACE command, STROBE determined that it cannot print the trace table information.

System Action: STROBE continues processing.

User Response: None required. To obtain trace information, ensure that the parameter TEST SMTRACE=ON is set.

STR6390E routine INTERNAL ERROR - block INVALID AT ADDRESS addr

Explanation: While performing STROBE routine *routine* in a multisystem environment, STROBE detected an error in the STROBE control block referenced by *block*. STROBE writes this message to the STROBE log.

System Action: STROBE is not able to process the request. This message is followed by message STR6812I, which provides additional diagnostic information.

User Response: Contact Compuware Technical Support.

STR6391I {SESSION REQUESTER | SESSION MANAGER} REGION SIZE {ABOVE | BELOW} 16MB IS nnnn BYTES (nnnnKB)

Explanation: The region size of a component of STROBE, the session requester or session manager, above or below 16MB is *nnnn* bytes (hexadecimal), *nnnnKB* (decimal). STROBE issues this message in response to a STATUS command.

System Action: None.

User Response: None required.

STR6400W XCFGROUP PARAMETER IGNORED - SYSTEM sysname IS IN XCF-LOCAL MODE

Explanation: STROBE does not process the XCFGROUP parameter because the system *sysname* is in XCF-LOCAL mode. The system *sysname* is not configured to run in a sysplex environment.

System Action: STROBE continues processing.

User Response: None required. To prevent STROBE from issuing this message, remove the XCFGROUP parameter from the PARMLIB data set.

STR6401I STROBE-XCF GROUP NAME IS: xcfgroup

Explanation: The name of the STROBE-XCF group is *xcfgroup*.

System Action: None.

User Response: None required.

STR6402I STROBE-XCF GROUP MEMBERS ARE: localsysname sysname1 sysname2...sysnamenn

Explanation: This message lists the names of the active systems in the STROBE-XCF group beginning with local system *localsysname* and continuing to the last system *sysnamenn*.

System Action: None.

User Response: None required.

STR6403I SYSTEM sysname IS NOT A MEMBER OF A STROBE-XCF GROUP

Explanation: The system named *sysname* is not defined as a member of any STROBE-XCF group.

System Action: None.

User Response: None required.

STR6404I SYSTEM sysname DOES NOT SUPPORT THE USE OF XCF GROUPS

Explanation: The system *sysname* does not support the use of XCF Groups. To use XCF Groups, the system must be at MVS/ESA V4R1 or higher.

System Action: STROBE does not process the request.

User Response: None required.

STR6405E routine XCF MEMBER *xcfname* NOT FOUND IN MEMBER LIST

Explanation: While performing STROBE routine *routine* in a multisystem environment, STROBE uses IBM's cross-system coupling services to communicate with other STROBE systems in the sysplex. STROBE issues this message when a member of the STROBE-XCF group attempted to communicate with another member of the group, named *xcfname*. At this time, *xcfname* is not an active member of the STROBE-XCF group, so it is not able to receive or send messages.

System Action: STROBE does not process the request.

User Response: None required. If the request fails and the problem persists, contact the STROBE system programmer who can verify that system *xcfname* is active. If this system is active, the system programmer may want to stop and restart the version of STROBE on system *xcfname*.

STR6406W XCF FUNCTION IXC*fnctname* FAILED, RC=*rc*, RSN=*rsncode*

Explanation: One of the services provided by the cross-system coupling facility (XCF) failed. The service name is identified as IXC*fnctname*. Possible service names, and their associated function, are as follows:

- IXCJOIN - join an XCF group
- IXCLEAVE - leave an XCF group
- IXCMSGI - receive a message from another member of the XCF group
- IXCMSGO - send a message to another member of the XCF group
- IXCQUERY - determine status and active members of the XCF group

The return codes and reason codes issued from the failing XCF service are identified by *rc* and *rsncode*. For the explanations of these return and reason codes, see the *MVS/ESA SP V4 Authorized Assembler Reference* manual.

System Action: STROBE may not be able to join or leave the STROBE-XCF group, or to communicate with other members of the STROBE-XCF group.

User Response: Notify the STROBE system programmer.

STR6407E routine XCF MEMBER *xcfname* NOT FOUND IN MEMBER LIST FOR REQUEST *nnnn*

Explanation: While performing STROBE routine *routine* in a multisystem environment, STROBE uses IBM's cross-system coupling services to communicate with other STROBE systems in the sysplex. STROBE issues this message when a member of the STROBE-XCF group attempted to communicate with another member of the group, named *xcfname*. At this time, *xcfname* is not an active member of the STROBE-XCF group, so it is not able to receive or send messages. The failed communication attempt occurred while processing request number *nnnn*.

System Action: STROBE does not process the request.

User Response: None required. If the request fails and the problem persists, contact the STROBE system programmer who can verify that system *xcfname* is active. If this system is active, the system programmer may want to stop and restart the version of STROBE on system *xcfname*.

STR6408S STROBE VERSION *xxxx* ENVIRONMENT EXISTS. STROBE INITIALIZATION CANNOT CONTINUE

Explanation: STROBE found an existing older STROBE environment Version *xxxx*, but the STROBE system programmer did not specify REMV_OLD=YES in the PARMLIB data set.

System Action: STROBE initialization terminates.

User Response: Bring up a STROBE Version *xxxx* environment and issue the SEND, QUIT command against all active requests. If STROBE Version *xxxx* is not available, stop the jobs that are being measured. When there are no more active requests, the system programmer must specify REMV_OLD=YES in the parameter data set member ALLOCATE and begin initializing STROBE.

STR6409I BEGINNING OF MESSAGES FROM PREVIOUS STROBE ENVIRONMENT

Explanation: Upon initializing, STROBE found a pre-existing STROBE environment and is reporting the messages for that environment. The STROBE messages follow.

System Action: STROBE continues processing.

User Response: None required.

STR6410I END OF MESSAGES FROM PREVIOUS STROBE ENVIRONMENT

Explanation: Upon initializing, STROBE found a pre-existing STROBE environment and is reporting the messages for that environment. This is the end of the STROBE messages.

System Action: STROBE continues processing.

User Response: None required

**STR6411W {CANNOT STOP | TERMINATING} STROBE. THE FOLLOWING REQUESTS {ARE | WILL REMAIN} ACTIVE *sre nnn*
[, *sre nnn*, *sre nnn*.]**

Explanation: You issued a STOP or TERMINATE command, but one or more STROBE requests are still active. STROBE reports active request(s) in STROBE request element *sre nnn*, and if present, STROBE reports additional requests in *sre nnn*.

System Action: In response to a STOP command, STROBE continues processing. In response to a TERMINATE command, STROBE stops processing and the requests remain active.

User Response: If you issued a STOP command, wait for the measurement requests to be completed or, if necessary, stop the active measurements and reissue the STOP command. If you cannot stop the active measurements, issue the TERMINATE command.

If you issued the TERMINATE command, no response is required.

STR6412I STROBE FOUND A PREVIOUSLY EXISTING STROBE ENVIRONMENT

Explanation: Upon initialization, STROBE identified a pre-existing STROBE environment.

System Action: STROBE continues processing.

User Response: None required.

STR6414I ISSUING {SUSPEND | RESTART} FOR REQUEST # *nnnn*

Explanation: Upon initialization, STROBE found request *nnnn* to still be active.

System Action: STROBE continues initializing. The active request *nnnn* is suspended during STROBE initialization and is restarted once STROBE initialization is complete.

User Response: None required.

STR6415W SERIALIZATION UNAVAILABLE FOR {SRE | CVU | SMI | SMT | SMW | SMW2} CHAIN

Explanation: While attempting to verify its control block chains during recovery processing, STROBE was unable to acquire serialization for one of the following chains: SRE (STROBE request element), CVU (session manager user element), SMI (session manager internal element), SMT (session manager timer queue), SMW (session manager work element), SMW2 (session manager work element for a specific user).

System Action: STROBE continues processing.

User Response: None required.

STR6416W INVALID CHAINING IDENTIFIED IN {SRE | CVU | SMI | SMT | SMW | SMW2} CHAIN

Explanation: While attempting to verify its control block chains during recovery processing, STROBE found one of the following chains to be invalid: SRE (STROBE request element), CVU (session manager user element), SMI (session manager internal element), SMT (session manager timer queue), SMW (session manager work element), SMW2 (session manager work element for a specific user).

System Action: STROBE processing continues.

User Response: None required.

STR6417W INVALID DATA FOUND IN {SRE | CVU | SMI | SMT | SMW | SMW2} ELEMENT

Explanation: While attempting to verify its control block chains during recovery processing, STROBE found that an item in one of the following chains was not an element: SRE (STROBE request element), CVU (session manager user element), SMI (session manager internal element), SMT (session manager timer queue), SMW (session manager work element), SMW2 (session manager work element for a specific user).

System Action: STROBE continues processing.

User Response: None required.

STR6418I ELEMENT PRIOR TO ERROR IS AS FOLLOWS {SRE | CVU | SMI | SMT | SMW | SMW2}

Explanation: While attempting to verify its control block chains during recovery processing, STROBE detected a problem in one of its chains. STROBE displays the chain element prior to the problem element. The element could be: SRE (STROBE request element), CVU (session manager user element), SMI (session manager internal element), SMT (session manager timer queue), SMW (session manager work element), or SMW2 (session manager work element for a specific user).

System Action: STROBE continues processing.

User Response: None required.

STR6419I ELEMENT CONTAINING ERROR IS AS FOLLOWS {SRE | CVU | SMI | SMT | SMW | SMW2}

Explanation: While attempting to verify its control block chains during recovery processing, STROBE detected a problem in one of its chains. STROBE displays the problem element. The element could be: SRE (STROBE request element), CVU (session manager user element), SMI (session manager internal element), SMT (session manager timer queue), SMW (session manager work element), or SMW2 (session manager work element for a specific user).

System Action: STROBE continues processing.

User Response: None required.

STR6420W STORAGE AVAILABLE BUT NOT ALLOCATED BY APPLICATION

Explanation: While attempting to verify its control block chains during recovery processing, STROBE found storage on a chain that is not allocated to this version of STROBE. This message is always preceded by STR6416W, which identifies the chain in which the problem occurred.

System Action: STROBE continues processing.

User Response: None required.

STR6421W INVALID POINTER FOUND IN FOLLOWING STRUCTURE. NEXT ELEMENT POINTED TO IN CHAIN DOES NOT EXIST {SRE | CVU | SMI | SMT | SMW | SMW2}

Explanation: While attempting to verify its control block chains during recovery processing, STROBE found a control block on one of the following chains that contained an invalid forward pointer: SRE (STROBE Request Element), CVU (session manager user element), SMI (session manager internal element), SMT (session manager timer queue), SMW (session manager work element), or SMW2 (session manager work element for a specific user).

System Action: STROBE continues processing.

User Response: None required.

STR6423W CANNOT SUSPEND REQUEST # *nnnn*, STROBE INITIALIZATION CONTINUING

Explanation: Either STROBE experienced an ABEND or you ended the STROBE session with a TERMINATE command. Upon initialization, STROBE found request *nnnn* to be active and STROBE was unable to suspend it.

System Action: STROBE continues initialization and moves the active request to the version of STROBE that is initializing.

User Response: None required. The active measurement request may ABEND.

STR6425S STROBE VERSION *xxxx* ENVIRONMENT HAS ACTIVE MEASUREMENTS AND CANNOT BE DELETED

Explanation: STROBE found that an existing STROBE environment, Version *xxxx*, has active requests and REMV_OLD=YES is specified. A new version of STROBE cannot be installed with the same version letter as an older version that has active measurements.

System Action: STROBE initialization terminates.

User Response: Bring up a STROBE Version *xxxx* environment and issue the SEND,QUIT command against all active requests. If STROBE Version *xxxx* is not available, stop the active measurement requests. If you cannot stop these measurement requests, initialize the new version of STROBE with a different version letter and a different SVC.

STR6426E SIGN FOR THE TERMDATE PARAMETER IS INCORRECT

Explanation: The sign for the TERMDATE parameter is either incorrect or omitted. The TERMDATE parameter sign must be an "F".

System Action: STROBE session manager does not initialize.

User Response: Ensure that the TERMDATE parameter sign is an "F". If the problem persists, contact Compuware Technical Support.

STR6427E PARMLIB VALUE FOR BLKSIZE IS TOO SMALL, STROBE TERMINATING

Explanation: The value specified for BLKSIZE in the STROBESTROBE parameter data set is too small.

System Action: Session manager initialization terminates.

User Response: Update the STROBE parameter data set to specify a BLKSIZE value between 8192 and 32768.

STR6428E UNIX SYSTEM SERVICES FEATURE IS NOT SUPPORTED ON SYSTEM sysname

Explanation: STROBE cannot process a request to display OS/390 UNIX System Services processes because the STROBE UNIX System Services Feature is not installed on system sysname.

System Action: STROBE does not complete your request.

User Response: To install the STROBE UNIX System Services Feature, notify the STROBE system programmer

STR6429W UNIX SYSTEM SERVICE *uss_routine* RETURNED RC=*rc* RSNC=*rsnc*

Explanation: The OS/390 UNIX System Services routine *uss_routine* returned an error while processing a request. The UNIX System Services return code is *rc*; the UNIX System Service reason code is *rsnc*.

System Action: STROBE terminates the request.

User Response: Refer to the *IBM OS/390 UNIX System Services Messages and Codes* manual to interpret the return codes *rc* and reason codes *rsnc*.

STR6430W OPERATING SYSTEM LEVEL ON SYSTEM IS *level* NEEDS MINIMUM V02R06M00

Explanation: The display process function requires functionality level introduced in OS/390 Version 2 Release 6.

System Action: STROBE terminates the request.

User Response: To upgrade your operating system to OS/390 Version 2 Release 6, notify your STROBE system programmer.

STR6431W THE SESSION MANAGER USER ID IS NOT DEFINED TO THE SECURITY PRODUCT

Explanation: The STROBE session manager user identification does not have access to the systems security product.

System Action: STROBE terminates the request to access OS/390 UNIX System Services functions.

User Response: Notify the STROBE system programmer.

STR6432W SESSION MANAGER DOES NOT HAVE ACCESS TO SUPERUSER AUTHORITY

Explanation: The STROBE session manager user identification does not have SUPERUSER authority.

System Action: STROBE terminates the request to access OS/390 UNIX System Services process data.

User Response: Notify the STROBE system programmer.

STR6433E MEASUREMENT OF BPXBATCH RESTRICTED. CONTACT COMPUWARE

Explanation: STROBE cannot measure the BPXBATCH utility because you did not apply a program temporary fix (PTF) for IBM APAR OW38618 to your operating system.

System Action: STROBE does not complete your measurement request. Your request remains in active initializing status.

User Response: Delete your measurement request. Contact IBM or Compuware Technical Support to obtain the PTF for IBM APAR OW38618 that is compatible with your operating system.

STR6434E QUEUED MEASUREMENT OF SPAWNED OR FORKED ADDRESS SPACE HAS FAILED

Explanation: STROBE implant processing failed because of the problem with the environment.

System Action: The job continues to run. The request is marked complete, but measurement has failed.

User Response: Resubmit the measurement request.

STR6435I USING LOCAL SYSTEM LICENSE DATA

Explanation: STROBE license management data is refreshed with the local system license data.

System Action: STROBE continues processing.

User Response: None required.

STR6436E LICENSE VERIFICATION FAILED RETURN CODE *rc* REASON CODE *erc*

Explanation: The STROBE base license is invalid for the reason specified by return code *rc* and error reason code *erc*.

System Action: All features are marked unlicensed and STROBE does not initiate new measurements. At initialization, STROBE stops processing.

User Response: Contact Compuware Technical Support for an explanation of the return codes and error reason codes.

STR6437I LMRREFRESH {COMPLETED | IN PROGRESS | FAILED} ON SYSTEM *sysname*

Explanation: This message appears in response to a LMREFRESH command you issued or an internal LMREFRESH. The message indicates one of the following statuses:

- COMPLETED the refresh completed successfully on the system *sysname*.
- IN PROGRESS at present a refresh is already being driven on system *sysname*.
- FAILED an invalid STROBE license was found on system *sysname* or, in a sysplex, STROBE was unable to send a license data request to system *sysname*.

System Action: In a sysplex, STROBE will use the license data from all systems that responded.

User Response: If the STROBE base license is invalid, contact Compuware Technical Support. In a sysplex, this message may indicate sysplex or storage availability problems.

STR6438I LICENSE DATA UNAVAILABLE FROM SYSTEM *sysname*

Explanation: STROBE is unable to obtain license data from system *sysname* in a sysplex environment.

System Action: STROBE continues processing license data for those systems from which it can obtain it.

User Response: None required. This message, however, may indicate problems with the sysplex environment that warrant further investigation.

STR6439I GLOBAL LICENSE DATA {REFRESHED | NOT REFRESHED} ON SYSTEM *sysname*

Explanation: STROBE either has or has not obtained license data from system *sysname*.

System Action: STROBE processes license data for those systems from which it is available.

User Response: None required.

STR6440E UNABLE TO OBTAIN STORAGE FOR *purpose*

Explanation: STROBE is unable to obtain storage for the purpose identified in *purpose*.

System Action: STROBE terminates if the purpose is LICENSE MANAGEMENT CALL.

User Response: Configure your STROBE environment so that STROBE can obtain 6144 bytes of subpool 1 storage.

STR6441E INVALID LICENSE CONFIGURATION: *text*

Explanation: STROBE license management has detected the invalid license combination described in *text*.

System Action: All features are marked unlicensed and STROBE cannot initiate new measurements. At initialization, STROBE stops processing.

User Response: Contact Compuware Technical Support.

STR6442E ALLOCATION FOR LICENSE MANAGEMENT SUBSYSTEM *ddname* FAILED

Explanation: The dynamic allocation of *ddname* provided in the parameter library LMSS failed.

System Action: STROBE will continue processing using the default license subsystem.

User Response: Correct the dynamic allocation failure and restart STROBE.

STR6443E INVALID LMSS VALUE SPECIFIED

Explanation: The value specified in the STROBE parameter library member for the LMSS parameter is invalid. The value can be either blank or specified as follows: CWSB in the first four characters and the name of the license management subsystem in the second four characters. When the value is blank, STROBE uses the primary default license management subsystem.

System Action: STROBE initialization fails.

User Response: Correct the value specified for LMSS in your STROBE parameter library member.

STR6444W CICS OPTION {CAPTBUFF| DSSIZE} IGNORED; INVALID WITHOUT RLI AND/OR TRAN OPTION

Explanation: If you specify a CICS option of either CAPTBUFF or DSSIZE, you must also specify RLI, TRAN, or both RLI and TRAN.

System Action: STROBE continues processing without the option CAPTBUFF or DSSIZE.

User Response: None required.

STR6445I ISSUE AN MVS CANCEL COMMAND TO STOP STROBE AND END ACTIVE REQUESTS AND USERS

Explanation: STROBE cannot execute the STOP command that you issued because users or requests are active on the system.

System Action: STROBE continues to process, and does not execute the STOP command.

User Response: To use the STOP command, you must first end active measurements and users. If you need to stop STROBE immediately or cannot end active measurements, you may issue the MVS CANCEL command.

STR6447E MEASUREMENT SERVICES WAS NOT STOPPED BY AN OPERATOR AND CANNOT BE STARTED BY AN OPERATOR

Explanation: An operator START command was issued for STRBMSAS, but the Measurement Services Address Space (MSAS) was not stopped via an operator STOP command. Measurement Services has failed or been stopped internally.

System Action: STROBE continues processing. Measurement Services are not restarted.

User Response: None

STR6448E {MEASUREMENT SERVICES INITIALIZATION FAILED| MEASUREMENT SERVICES RESTARTS REPEATEDLY FAILING} RETURN CODE=<return code> REASON CODE=<reason code> -or-

Explanation: If the message reads Measurement Services initialization failed, STROBE is unable to start Measurement Services during STROBE initialization. The reason and return code come from the ASCRE macro. If the messages Measurement Services Restarts Repeatedly failing, STROBE has attempted to restart the Measurement Services Address Space (MSAS) 3 times in the last 15 minutes.

System Action: STROBE initialization failed. Once STROBE is initialized, STROBE does not attempt to restart Measurement Services

User Response: During STROBE initialization, fix the problem and restart STROBE. After STROBE is initialized, no response is required. To restart Measurement Services in this situation, stop and restart STROBE.

STR6449E NAME/TOKEN {CREATE|DELETE} FOR SESSION MANAGER PAIR FAILED, RETURN CODE=<return code>

Explanation: The NAME/TOKEN CREATE or DELETE for the STROBE NAME/TOKEN pair failed.

System Action: Processing continues

User Response: None required.

STR6453E AUTOSTROBE IS INVALID WITHOUT ASM. SETTING AUTOSTROBE=NO

Explanation: AUTOSTROBE=YES was specified in the ALLOCATE member, but STROBE is not licensed for the Advanced Session Management Feature.

System Action: AutoSTROBE is disabled.

User Response: To use AutoSTROBE, you have to contact Compuware to obtain a license for the Advanced Session Management Feature.

STR6454E AUTOSTROBE IS INVALID WITHOUT STRAUTO

Explanation: AUTOSTROBE=YES was specified in the ALLOCATE member, but the STRAUTO parameter for the AutoSTROBE data set name is not specified.

System Action: Session Manager initialization fails

User Response: Specify a value for STRAUTO in the ALLOCATE member

STR6455E NEW AUTOSTROBE REQUEST NOT ADDED, {REDUNDANT|DUPLICATE} OF REQUEST nnnn

Explanation: An ADD request was issued for an AutoSTROBE monitor request. A match is found if both requests are AutoSTROBE monitor requests with the same job name, program name step and proc names, and system. If the message reads REDUNDANT, SYSTEM=*ALL was specified on either the existing request and the ADD. If the message reads DUPLICATE, the same system was specified for the SYSTEM parameter on both the existing request and the ADD.

System Action: The ADD request is ignored.

User Response: If the existing AutoSTROBE monitoring request is adequate, none required. If not, delete the existing request and then ADD the new request.

STR6456E AUTOSTROBE IS NOT ACTIVE

Explanation: An AutoSTROBE function ADD, DELETE, CHANGE or copy of an AutoSTROBE request was issued, but AutoSTROBE is not active.

System Action: STROBESTROBE attempts to process the request, updates it and saves the information to update AutoSTROBE when it reactivates.

User Response: None required, although you can check why AutoSTROBE is inactive.

STR6457W AUTOSTROBE PARAMETERS REQUIRE AUTOSTROBE - IGNORING AUTOSTROBE PARAMETERS

Explanation: A STROBESTROBE user issued an ADD request that contains AutoSTROBE parameters, but AutoSTROBE is either not authorized or was not specified on the request

System Action: AutoSTROBE parameters on the request are ignored.

User Response: If you want to make the ADD request an AutoSTROBE monitored request, delete the original request and re-issue the ADD request with the correct AutoSTROBE requirements.

STR6458E FAILURE TRIGGERING MEASUREMENT FROM AUTOSTROBE TEMPLATE nnnn - TEMPLATE NOT FOUND

Explanation: AutoSTROBE requested that a measurement be initiated for AutoSTROBE monitored request nnnn, but the monitored request no longer exists.

System Action: The measurement is not added.

User Response: None required.

STR6460E COMMAND REJECTED - STROBE INTERFACE REQUIRED FOR AUTOSTROBE {ADD|CHANGE|DELETE}

Explanation: An ADD, CHANGE or DELETE command was issued for an AutoSTROBE request from other than the STROBE/ISPF interface.

System Action: The command is ignored.

User Response: Use the STROBE/ISPF interface to issue AutoSTROBE commands.

Additional STROBE Messages

STR6800I DSN=*prefix.jobname.ssssdddd* [*.suffix*] [*unit volser*]

Explanation: This message fully identifies the sample data set referred to in the preceding message. The sample data set, which STROBE attempted to allocate or deallocate, is named *prefix.jobname.ssssdddd*. If present, the *suffix* is *suffix*, the unit is *unit*, and the volume serial number is *volser*.

System Action: See the preceding message.

User Response: See the preceding message.

STR6801I STROBE SAMPLE DATA SET ALLOCATED VOLSER=*volser* [EXISTING DATA SET USED]

Explanation: STROBE allocated a sample data set on the volume identified by *volser*. EXISTING DATA SET USED appears in this message if an existing data set is reused. The fully qualified name of the data set is given in message STR6800I.

System Action: STROBE continues processing.

User Response: None required.

STR6802I STROBE SAMPLE DATA SET DEALLOCATED

Explanation: STROBE allocated and cataloged a sample data set. It can be used to produce a STROBE Performance Profile. The fully qualified name of the data set is given in message STR6800I.

System Action: STROBE completes measurement of the sample data set.

User Response: None required.

STR6803S STROBE SAMPLE DATA SET ALLOCATION FAILED - RC=*rc*; ERC/IRC=*erc/irc*

Explanation: STROBE was unable to allocate a sample data set. The fully qualified name of the sample data set is given in message STR6800I. The error code is *erc*, and the information reason code is *irc*. For an explanation of the codes, see the *IBM MVS/ESA Authorized Assembler Services Guide*.

System Action: STROBE terminates sampling.

User Response: Submit a new request to initialize a new measurement session. Ensure that the sample data set name meets all access facility requirements and that a data set of the chosen name can be written in the address space of the target program.

STR6804E STROBE SAMPLE DATA SET DEALLOCATION FAILED - RC=*rc*; ERC/IRC=*erc/irc*

Explanation: STROBE was unable to deallocate a sample data set. The fully qualified name of the data set is given in message STR6800I.

The error reason code is *erc* and the information reason code is *irc*. The sample data set may not be available for producing a STROBE Performance Profile until the target program has completed execution.

System Action: The STROBE measurement session continues.

User Response: Wait for the target program to complete execution. If you cannot produce a Performance Profile, contact your STROBE system programmer.

STR6805E STROBE SAMPLE DATA SET ALLOCATION FAILED - HSM NOT ACTIVE RC=100

Explanation: STROBE could not allocate a data set because DFHSM was not active.

System Action: STROBE terminates sampling.

User Response: Resubmit the measurement request after DFHSM becomes active.

STR6806E AN ERROR OCCURRED RETURNING ACTIVE MEASUREMENT SESSION DATA REQUESTED FROM SYSTEM *sysname*

Explanation: STROBE encountered an error while attempting to return the data you requested from the system *sysname*.

System Action: STROBE is unable to return the data that you requested.

User Response: Resubmit the request. If the problem continues, notify the STROBE system programmer.

STR6807E AN ERROR OCCURRED FORMATTING ACTIVE MEASUREMENT SESSION DATA RETURNED FROM THE SYSTEM *sysname*

Explanation: STROBE encountered an error while attempting to format the data that you requested from system *sysname*.

System Action: STROBE is unable to present the data that you requested.

User Response: Resubmit the request. If the problem continues, notify the STROBE system programmer.

STR6808E TIME OUT CONDITION OCCURRED WHILE PERFORMING *requesttype* OPERATION FOR REQUEST *nnnn*

Explanation: Because of processing delays related to the target system, the sysplex, or the session manager, request *nnn* may not have completed within the required time interval. The type of request (for example Add Active, Add Queued, Status) is indicated by the variable *requesttype*. If the request type does not operate on a specific request number, then N/A (not applicable) will appear instead of a number.

System Action: STROBE is unable to determine the state of request *nnnn* but continues processing.

User Response: For more information regarding this request, refer to the STROBE log and search on the request number *nnnn*. If the time out condition is related to processing delays, STROBE follows this message with messages STR6811I and STR6812I. Otherwise, examine the log for additional messages that indicate the state of the session manager.

STR6809S STROBE SYSQUEUE DATA SET IS FULL: NEW REQUESTS NOT ALLOWED - THE CONTINUED OPERATION OF STROBE WILL BE SEVERELY IMPAIRED

Explanation: All of the allocated extensions for the queue data set are used. You cannot make any new measurement requests; the overall operation of STROBE is severely limited. You may, however, display and delete requests.

System Action: STROBE does not process any new measurement requests.

User Response: Notify the STROBE system programmer. As a possible **temporary** solution, the system programmer can display and then delete any unwanted requests from the data set. In some cases, deleting unwanted requests will rectify the situation. To continue processing new requests, contact the STROBE system programmer.

The system programmer needs to clean up and reorganize the file. If a STROBE-XCF group exists, the system programmer must shut down all members of the STROBE-XCF group before attempting to clean up and reorganize the file. For specific instructions, see the *STROBE MVS System Programmer's Guide*.

STR6810W *ddname* DATA SET IS FULL

Explanation: All of the allocated extensions for the STROBE data set, file *ddname*, are used. The value for *ddname* can be SYSMSG or SYSGROUP. File SYSMSG is the STROBE message data

set, which contains messages issued by STROBE and module tracking information. File SYSGROUP is the STROBE request group data set, which is present when the Advanced Session Management Feature is installed to contain request groups and their associated request group elements.

System Action: STROBE functions requiring SYSMMSG or SYSGROUP are unavailable until the space limitation is relieved.

User Response: Notify the STROBE system programmer to clean up and reorganize the file. If a STROBE-XCF group exists, the system programmer must shut down all members of the STROBE-XCF group before attempting to clean up and reorganize the file. For specific instructions, see the *STROBE MVS System Programmer's Guide*.

STR6811I UNEXPECTED RESPONSE FROM SYSTEM *sysname*

Explanation: STROBE received a response message that it cannot process from the system *sysname*. In some cases, the response message is associated with a measurement request from a system that has since timed out and, in that case, is preceded by STR6808E.

System Action: STROBE discards the response from system *sysname*, and follows this message with STR6812I, which contains the discarded message.

User Response: Retry the function. The unexpected response may have indicated a time out due to poor performance. But, if the problem persists, notify the STROBE system programmer.

STR6812I *string address offset data*

Explanation: STROBE writes this message to the STROBE log in certain diagnostic situations.

System Action: STROBE continues processing.

User Response: None required.

STR6813W QRE DATA AND SRE DATA ARE INCONSISTENT FOR REQUEST *rrrr*

Explanation: The request element for request *rrrr* is not active. The STROBE request element (SRE), however, identified this request as active. This message appears in the STROBE log only.

System Action: STROBE is unable to process the updates to the request because the measurement session for that request has already begun.

User Response: None required.

STR6814E COMMUNICATION FAILURE, MESSAGE BROADCAST IS INCOMPLETE - OUT-OF-SYNC CONDITION MAY EXIST

Explanation: STROBE sent a message to other members of a STROBE-XCF group. At least one of the members, however, did not receive the message. In some cases, this message indicates that the requests are out of synchronization with other members of a STROBE-XCF group.

System Action: At this time, STROBE is not able to determine if the system is still active.

User Response: Notify the STROBE system programmer. The system programmer can determine whether the system is still active by checking the STROBE log, or by issuing the SHOW MEMBERS command. If the system has terminated, no response is necessary. If the system is still active, however, the requests on that system are potentially out of synchronization. In this case, the system programmer must either issue the RESYNC command or stop and restart STROBE. For more information, see the *STROBE MVS System Programmer's Guide*, Chapter 5.

STR6815E END REQUEST TO SYSTEM *sysname* FAILED

Explanation: STROBE attempted to send a message to another member of the STROBE-XCF group, but was not able to deliver the message to the group member (system *sysname*).

System Action: STROBE is not able to send the message to system *sysname*. This message is preceded by message STR6806E, which contains the return and reason codes for the cross-system coupling facility (XCF) that failed (IXCMSGO). STROBE also provides additional diagnostic information for this situation by writing message STR6812I to the STROBE log.

User Response: Notify the STROBE system programmer. The system programmer can determine the cause of the failure by referencing the return and reason codes contained in STR6806E, and by viewing the STR6812I message associated with this request in the STROBE log.

STR6816W STROBE UNABLE TO PROCESS REQUEST *rrrr*, DUE TO *error*

Explanation: STROBESTROBE is unable to continue processing request *rrrr* because it encountered the error identified in *error*. *error* can be:

- QUEUE READ ERROR. STROBE encountered an error attempting to read the STROBE queue data set.
- OPEN ERROR. STROBE encountered an error attempting to open the STROBE queue data set.
- INVALID SRESTAT. STROBE identified an error in the status of a measurement request.
- BLDACEE ERROR. STROBE encountered an error attempting to build an Accessor Environment Element (ACEE) control block.

System Action: STROBE does not process the measurement request.

User Response: Notify the STROBE system programmer.

STR6817W STROBE ENCOUNTERED A DUMMY QRE FOR REQUEST *nnnn*

Explanation: The new request, request number *nnnn*, which was added from one of the systems in the STROBE-XCF group, does not contain any measurement request information. It is a dummy request that STROBE uses as a place holder.

System Action: STROBE reads the request but does not update its local work area.

User Response: Contact Compuware Technical Support.

STR6818W REQUEST *nnnn* NOT QUEUED ON SYSTEM *sysname* - INSUFFICIENT ACCESS AUTHORITY

Explanation: Request *nnnn* is not queued on system *sysname* because you are not authorized to measure the job on the system.

System Action: If the job specified in request *nnnn* executes on system *sysname*, it will not be measured.

User Response: To run a STROBE measurement request on system *sysname*, the STROBE system programmer or security administrator must grant you access to the system in the security data base for that system.

STR6819W STROBE IS NOT LICENSED ON THIS PROCESSOR TYPE - CONTACT COMPUWARE CORPORATION FOR LICENSING INFORMATION

Explanation: STROBE is not licensed for the type of processor on which you attempted to run STROBE.

System Action: STROBE does not operate in this environment.

User Response: For more information about running STROBE on this type of processor, contact Compuware Corporation.

STR6820W SR/SM TIMER SET FAILED. STIMER RC = *rc*

Explanation: STROBE was unable to set the session requester/session manager timer. IBM's STIMER service issues a return code of *rc*.

System Action: STROBE will continue processing but because the SR/SM Timer is not set, in the event of a failure, STROBE will not follow normal recovery procedures.

User Response: Refer to the documentation for IBM's STIMER macro to determine the meaning of the return code. Check the STROBE log for messages and, if necessary, notify the STROBE system programmer.

STR6822E *routine text*

Explanation: An internal processing error has occurred in routine *routine* and is described in *text*.

System Action: STROBE does not process the request.

User Response: This message contains important diagnostic information. Contact Compuware Technical Support.

STR6823I TOO MANY {JOBS|PROCESSES} TO DISPLAY - FIRST *number* {JOBS|PROCESSES} DISPLAYED

Explanation: You requested to view all active jobs or processes on a specific system. However, the number of active jobs or processes on the system exceeds the maximum number that the cross-system coupling facility (XCF) can pass to STROBE from the specified system.

System Action: STROBE displays the maximum number of active jobs or processes that XCF sends from the requested system, identified as *number*.

User Response: None required.

STR6824I SEND OPERATION FAILED; REASON: *text*

Explanation: The SEND operation failed and the possible reasons are given in *text*. *text* can be:

- REQUEST NOT FOUND
- UNKNOWN SEND REQUEST TYPE
- DELETE INPUT INVALID
- ACCESS DENIED
- ACEE BUILD FAILED
- SEND TIME-OUT.

System Action: STROBE does not process the request.

User Response: Notify the STROBE system programmer.

STR6825W STROBE INITIALIZATION TIMEOUT ON SYSTEM *sysname1* WAITING FOR RESPONSE FROM SYSTEM *sysname2*

Explanation: STROBE initialization processing on system *sysname1* sent an XCF signal to STROBE on system *sysname2* and did not receive a response within the interval that STROBE allows.

System Action: STROBE attempts to send the signal to another member of the STROBE-XCF group. If there are no more members to signal or if the members signaled do not respond, then STROBE will not be initialized on system *sysname1* and will issue message STR6245S - STROBE INITIALIZATION TERMINATED - UNABLE TO COMMUNICATE WITH STROBE-XCF GROUP.

User Response: Notify the STROBE system programmer.

STR6826W FOR STROBE INITIALIZATION ON SYSTEM *sysname1*, ERROR IN GRPPARMS PROCESSING ON SYSTEM *sysname2* RC=*rc*

Explanation: STROBE initialization processing on system *sysname1* sent an XCF signal to system *sysname2* requesting information, but the routine GRPPARMS issued a return code *rc*, indicating that it was unable to provide the data.

System Action: STROBE attempts on system *sysname1* to send the signal to another member of the STROBE-XCF group. If there are no more members to signal or if the members signaled do not respond, then STROBE will not be initialized on system *sysname1* and will issue message STR6245S.

User Response: Notify the STROBE system programmer.

STR6827W FOR STROBE INITIALIZATION ON SYSTEM *sysname1*, UNABLE TO PROCESS GRPPARMS DATA FROM SYSTEM *sysname2*

Explanation: Data that routine GRPPARMS passed from system *sysname2* could not be accessed by STROBE on system *sysname1*.

System Action: STROBE attempts to send the signal to another member of the STROBE-XCF group. If there are no more members to signal or if the members signaled do not respond, then STROBE will not be initialized on system *sysname1* and will issue message STR6245S.

User Response: Notify the STROBE system programmer.

STR6828E *routine* - *ddname* operation FAILED: RC *vsamrc* RSNC *vsamrsnc*

Explanation: STROBE routine *routine* attempted to perform an operation *operation* on *ddname* *ddname*. The operation failed with the VSAM return code *vsamrc* and the VSAM reason code *vsamrsnc*.

System Action: STROBE continues processing.

User Response: Notify the STROBE system programmer. The system programmer can investigate the problem and clean up and reorganize files if necessary.

STR6829I TRIGGER REQUEST *nnnn* AND ANY RELATED REQUESTS WILL BE DELETED

Explanation: As requested, STROBE will delete the trigger request, identified by *nnnn*, for a concurrent set. Because you are deleting the trigger request, any related requests in the concurrent set will also be deleted. STR6141I will confirm the deletions.

System Action: STROBE processes the request.

User Response: None required.

STR6830I RELATED REQUEST *nnnn* WILL BE DELETED

Explanation: Because you deleted the trigger request for a concurrent set, all of the related requests will be deleted. This message will occur for each related request, listing each related request individually and identifying the request by its request number *nnnn*. STR6141I will confirm the deletions.

System Action: STROBE processes the request.

User Response: None required.

Messages Returned by the Migration Utility

STR6831S NEITHER SYSQUEUE NOR SYSGROUP ALLOCATED, MIGRATION TERMINATED

Explanation: Neither of the required input data sets is allocated.

System Action: The migration utility terminates.

User Response: Verify that the JCL is correct and that it points to the correct input data set names. If you need assistance, contact Compuware Technical Support.

STR6832S *ddname* NOT ALLOCATED, MIGRATION TERMINATED

Explanation: Because the data set referred to by *ddname* *ddname* is not allocated, the migration was terminated.

System Action: The STROBE migration utility terminates.

User Response: Verify that the output data sets are allocated and that the JCL is correct.

STR6833S *ddname* DATA SET NOT EMPTY, MIGRATION TERMINATED

Explanation: Because the data set referred to by *ddname* *ddname* is not empty, it will not be used in the migration. The migration is terminated.

System Action: The migration utility terminates.

User Response: Allocate a new data set to be used in the migration.

STR6834S *ddname fnct* ERROR, RC=*rc* RSNC=*rsnc*

Explanation: VSAM returned an error while processing a request for the data set referred to by *ddname* *ddname* while performing function *fnct*. The VSAM return code is *rc*; the VSAM reason code is *rsnc*.

System Action: The migration utility terminates.

User Response: Look up the return codes and reason codes in the *DFSMS/MVS Macro Instructions for Data Sets* manual. If you need assistance, contact Compuware Technical Support. For diagnostic purposes, save the snap dump.

STR6835E *ddname error reason* - SYSTEM = *system* SRE = *sre nnn*

Explanation: The data set referred to by *ddname* *ddname* encountered the error described in *error reason*. The system is *system* and the STROBE request element number is *sre nnn*.

System Action: STROBE does not process the record in error but continues processing other records in the data set.

User Response: If you need assistance, contact Compuware Technical Support. For diagnostic purposes, save the snap dump.

STR6836I ddname DATA SET SUCCESSFULLY MIGRATED FROM RELEASE *vrn1* TO RELEASE *vrn2*

Explanation: STROBE successfully migrated the data set referred to by ddname *ddname* from version release number *vrn1* to version release number *vrn2*.

System Action: The migration utility completes successfully.

User Response: None required.

STR6837W ddname DATA SET MIGRATED FROM RELEASE *vrn1* TO REPLACE *vrn2* RC = *rc*

Explanation: STROBE migrated the data set referred to by ddname *ddname* from version release number *vrn1* to version release number *vrn2* with a return code of *rc*.

System Action: The migration utility completes with errors, which are documented in additional messages.

User Response: If you need assistance, contact Compuware Technical Support.

STR6838W ddname DATA SET EMPTY

Explanation: The migration utility found an input data set to be empty.

System Action: The migration utility continues processing other data sets.

User Response: Verify that the JCL is pointing to the correct input data sets and rerun the migration utility.

STR6839S ddname MIGRATION FROM RELEASE *rel* NOT SUPPORTED BY UTILITY VERSION *vrn*

Explanation: The data set referred to by ddname *ddname* is at a release level *rel* that is not supported by the current level of the migration utility, *vrn*.

System Action: The migration utility terminates.

User Response: Verify the JCL, and check that you are executing the latest version of the migration utility.

STR6840S INTERNAL PROCESSING ERROR - *error reason*

Explanation: The migration utility encountered the internal processing error described in *error reason*.

System Action: The utility terminates.

User Response: Contact Compuware Technical Support. For diagnostic purposes, save the snap dump.

STR6841E ddname GROUP PROCESSING ERROR: *nnn* ELEMENT RECORDS EXIST, *xxx* EXPECTED - GRPOWNER = *grpowner* GROUP = *groupname*

Explanation: The migration utility detected an error processing the data set referred to by ddname *ddname*. STROBE expected *xxx* element records in group *groupname*. However, *nnn* element records actually exist. The group owner is given in *grpowner*.

System Action: The utility does not migrate any of the records in the group that experienced the error but continues processing the next group of records.

User Response: If you cannot determine the cause of this problem, contact Compuware Technical Support. For diagnostic purposes, save the snap dump.

STR6842E ddname *error reason* - GRPOWNER = *grpowner* GROUP = *groupname* ELEMENT = *element*

Explanation: The migration utility encountered an error while processing element *element* in group *groupname* for grpowner *grpowner*. The data set is referred to by ddname *ddname*, and the error is described in *error reason*.

System Action: The utility does not migrate any of the records in the group that experienced the error but continues processing the next group of records.

User Response: If you cannot determine the cause of this problem, contact Compuware Technical Support. For diagnostic purposes, save the snap dump.

STR6843S *error text*

Explanation: Because of the reason displayed in *error text*, the migration will be terminated.

System Action: The migration utility terminates.

User Response: Verify that the parameter specified is correct and rerun the migration utility. If you require assistance, contact Compuware Technical Support.

STR6844I PARM = *parmname1* [*parmname2*, *parmname3*...]

Explanation: The name of the input parameters is *parmname1*. Additional input parameters, if present, are given in *parmname2*, *parmname3*...

System Action: None.

User Response: None required.

STR6845I *ddname* type RECORDS WRITTEN: *nnnn*

Explanation: The migration utility has successfully written *nnnn* records of data set name *ddname* and type *type*.

System Action: None.

User Response: None required.

STR6846I *ddname* DATA SET SUCCESSFULLY COPIED

Explanation: The migration utility successfully copied data set *ddname*.

System Action: None.

User Response: None required.

STR6847S *ddname* NO RECORDS FOUND *error reason*

Explanation: The migration utility found no records for data set name *ddname* because of the error described in *error reason*.

System Action: STROBE does not process the request.

User Response: Verify that you entered the correct combination of parameters. You can use the LIST parameter to list the contents of the QUEUE and Group data sets.

STR6848S MIGRATION FOR RELEASE *rel* NOT SUPPORTED BY UTILITY VERSION *vrn*

Explanation: The current version of the STROBE migration utility, *vrn*, does not support migration from or to release *rel*.

System Action: The migration utility does not process the request.

User Response: You either used an out-of-date version of the migration utility or specified an incorrect release number. Correct the error and resubmit the request.

STR6849I ONLY COMPLETED REQUESTS WILL BE MIGRATED WHEN CREATING A TEST QUEUE DATA SET

Explanation: The STROBE migration utility will migrate only completed requests when migrating to a test queue data set.

System Action: None.

User Response: None required.

STR6850S STROBE MIGRATION TERMINATED, TARGET RELEASE *xxxx* IS OLDER THAN THE SOURCE RELEASE *yyyy*

Explanation: The STROBE release *xxxx* designated as the target of a migration (OUTREL) was more recent than release *yyyy*, which was designated as the source of the migration (INREL). This message is preceded by STR6844I, which specifies the pertinent parameters.

System Action: The STRBCMIG program terminated without attempting the migration.

User Response: Correct the input parameters in the JCL used to initiate the migration utility.

STR6851E MIGRATION FUNCTION TO SAME RELEASE LEVEL NOT SUPPORTED. USE COPY FUNCTION OF STRBCMIG.

Explanation: The STROBE release designated as the target of a migration (OUTREL) was the same as the release designated as the source of the migration (INREL). The migration function applies only to generating queue and group data sets for releases that are newer than the release of the source data sets.

System Action: The STRBCMIG program terminated without attempting the migration.

User Response: Change the primary input parameter (the PARM=function) to COPY, make sure that you specify the other parameters required with COPY, and resubmit the migration utility program.

Messages Returned by the Session Management Facility for the STROBE Advanced Session Management Feature

The session management facility returns the following messages in response to STROBE commands, writing them to the SYSPRINT data set and to an operator's terminal when the request originated there.

STR6900E STARTTIME AND STARTDATE PARAMETERS DO NOT CONTAIN THE SAME NUMBER OF ENTRIES

Explanation: You specified the STARTTIME and STARTDATE parameters on the ADD or SUBMIT operation, but did not specify a matching number of entries for each parameter. You must specify one STARTTIME parameter for each STARTDATE parameter.

System Action: STROBE does not process the ADD or SUBMIT request.

User Response: Ensure that you have an equal number of entries for the STARTTIME and STARTDATE parameters and then resubmit the ADD or SUBMIT operation.

STR6901I ELEMENT *jobname* ADDED FOR GROUP *groupname*

Explanation: A new request group element, specified by *jobname*, has been added to the request group *groupname*.

System Action: STROBE adds the new request group element to the request group.

User Response: None required.

STR6902E ADDGRP ERROR - ELEMENT *jobname* GROUP *groupname*

Explanation: STROBE may have been unable to save the request (identified by *jobname*) as a request group element in the request group *groupname*.

System Action: STROBE may not have processed the request. The log contains additional information.

User Response: Check the STROBE log for additional messages and notify the STROBE system programmer.

STR6903I ELEMENT *jobname* CHANGED FOR GROUP *groupname*

Explanation: You changed one of the request group elements (identified by *jobname*) in the request group *groupname*.

System Action: STROBE modifies the request group element.

User Response: None required.

STR6904E CHANGE ERROR ELEMENT *jobname* GROUP *groupname*

Explanation: STROBE may have been unable to modify the request group element (identified by *jobname*) in the request group *groupname*.

System Action: STROBE may not have processed the request. The log contains additional information.

User Response: Check the STROBE log for additional messages and notify the STROBE system programmer.

STR6905I GROUP *groupname* DELETED

Explanation: STROBE processed a DELGRP operation, which specified that the request group *groupname* be deleted.

System Action: STROBE deletes the request group from the request group data set.

User Response: None required.

STR6906E GROUP *groupname* NOT FOUND

Explanation: STROBE cannot find any request group that matches the name specified in *groupname*. Either you specified the wrong request group name, or the request group does not exist.

System Action: STROBE does not process the request.

User Response: If you specified the incorrect request group name, correct and resubmit the request.

STR6907E DELETE ERROR FOR GROUP *groupname* [ELEMENT *jobname*]

Explanation: STROBE may have been unable to process a Delete operation. The request group specified is *groupname*. If the delete specified elements in a request group, those elements are identified by *jobname*.

System Action: STROBE may not have deleted the request group element. The log contains additional information.

User Response: Check the STROBE log for additional messages and notify the STROBE system programmer.

STR6908I ELEMENT *nnn* DELETED IN GROUP *groupname*

Explanation: STROBE processed a DELGRP operation and deleted the request group element(s) that were specified by sequence number *nnn* from the request group specified in *groupname*.

System Action: STROBE deletes the request group element.

User Response: None required.

STR6909E ELEMENT *jobname* IN GROUP *groupname* NOT FOUND

Explanation: STROBE cannot find any request group element that matches the name specified in job *jobname* and group *groupname*. Either you specified the wrong request group element name, or the request group element does not exist.

System Action: STROBE does not process the request.

User Response: If you specified an incorrect request group element name, correct and resubmit the request.

STR6910I {STR6910I|STR6910W | STR6910E| STR6910S} GROUP *groupname* SUBMITTED, RC=*rc*

Explanation: The request group specified by *groupname* has been submitted for processing. The return code is *rc*. The error severity indicator (I, W, E, or S) depends on the return code.

System Action: STROBE processes the submit request.

User Response: None required. If the return code is not zero, check the STROBE log for additional messages.

STR6911E GROUP SUBMISSION ERROR FOR GROUP *groupname*

Explanation: STROBE may have been unable to process a SUBMIT operation for the request group *groupname*.

System Action: STROBE may not process the request. The log contains additional information.

User Response: Check the STROBE log for messages and resubmit the request. If the problem persists, notify the STROBE system programmer.

STR6913I GROUP *groupname* COPIED TO *newgroup*

Explanation: You copied the request group *groupname*, and all of its associated request group elements, to the new request group specified in *newgroup*.

System Action: STROBE creates the new request group and populates it with copies of the request group elements from request group *groupname*.

User Response: None required.

STR6914E GROUP *groupname* COPY ERROR

Explanation: STROBE may not have been able to copy the request group *groupname*.

System Action: STROBE may not have processed the request. The STROBE log contains additional information.

User Response: Check the log for additional messages and notify the STROBE system programmer.

STR6915I *groupname*, *num of elements*, *num of subs*, *create*, *last mod date*, *last sub*, *grpowner*

Explanation: STROBE returns this message in response to a LISTGRP operation. STROBE lists the name of the request group (*groupname*), the number of request group elements in the request group (*num of elements*), the number of times the request group has been submitted (*num of subs*), the date the request group was created (*create*), the date that the request group was last modified (*last mod date*), the last time the request group was submitted (*last sub*), and the group owner (*grpowner*) of the person who created the request group.

System Action: STROBE continues processing.

User Response: None required.

STR6916I REQUEST *nnn* CLONED FROM *xxx* ORIGINAL REQUEST *yyy*

Explanation: You have submitted an ADD operation that:

- specified a list of jobsteps to be measured using the PROGRAM, STEP, NUMBER parameters
- specified that all steps of the job be measured using the *ALL parameter
- was submitted with a schedule

When you submit a single measurement request to measure multiple steps of a job, STROBE initiates a measurement session for each job step you specified. When the first measurement session is initiated, STROBE creates subsequent measurement sessions by copying, or cloning, the previous measurement request.

This message displays the number of the new request (*nnn*) as well as the numbers of the original measurement request *yyy* and the previous request from which the measurement parameters were cloned (*xxx*). This message appears for both the original request and the cloned request.

System Action: STROBE uses the parameters specified in ORIGINAL REQUEST *yyy* to create the subsequent or cloned request *nnn*.

User Response: None required.

STR6917I CLONING OF REQUEST *jobname nnnn* TERMINATED

Explanation: STROBE issues this message when it has encountered an error in cloning target job *jobname* for STROBE request number *nnnn*. This message accompanies STR6106E.

System Action: STROBE processes the current request but does not process subsequent requests.

User Response: None required.

STR6919I SSI FUNCTION *function* {ENABLED | DISABLED}

Explanation: The STROBE subsystem function *function* is either enabled or disabled. STROBE uses subsystem function *function* to perform end-of-task processing or delete processing for multistep requests.

System Action: None.

User Response: None required.

STR6921I *nnnn* ENTRIES REMOVED FROM SCHEDULE - DATE AND TIME LESS THAN CURRENT

Explanation: You submitted a measurement request or a request group with one or more invalid entries for the STARTDATE and the STARTTIME parameters. STROBE removes these entries from the schedule. The values for these parameters must be a future date and time. The number of invalid entries is identified by *nnnn*.

System Action: STROBE removes the invalid entries and processes the request.

User Response: None required.

STR6922E NO TRIGGER FOUND FOR CONCURRENT SET *concurrentname* GROUP *groupname*

Explanation: You designated one or more request group elements in a request group as related requests in a concurrent set, but have not yet specified a trigger request. The concurrent set name is *concurrentname* and the request group name is *groupname*.

System Action: STROBE does not create the concurrent set association between the requests.

User Response: Specify a request group element as the trigger request for the concurrent set.

STR6923I TRIGGER JOB *jobname* CONCURRENT SET *concurrentname* NOT ACTIVE, PROCESSING HALTED

Explanation: You submitted a request group for processing containing concurrent set *concurrentname*. The trigger request *jobname* for the concurrent set is specified as an Add Active request group element. The target job for the trigger request is not currently active.

System Action: STROBE does not process the SUBMIT request and deletes the requests.

User Response: Either resubmit the request group when the target job for trigger request *jobname* is active, or change the trigger request to an Add Queued request group element.

STR6924I ORIGINAL MULTISTEP REQUEST *nnnn* MARKED COMPLETE FOR TARGET JOB *jobname*

Explanation: For the target job *jobname* STROBE has marked the original request, request number *nnnn*, complete because all designated steps were measured or the job has ended. The original request is a template request from which STROBE creates requests for each of the executing steps in this multistep measurement. The original request itself is not associated with a measurement session.

System Action: None.

User Response: None required.

STR6926I ONLY TWO ENTRIES REMAIN IN SCHEDULE REQUEST *nnnn* ORIGINAL REQUEST *xxxx*

Explanation: Only two entries remain for the scheduled measurement request or the scheduled request group. The remaining (deferred) requests are contained in *xxxx* and are from the original request *nnnn*. This message alerts you that entries in your scheduled request are about to run out.

System Action: STROBE continues processing.

User Response: None required. If you want to continue to measure automatically with STROBE on a schedule, you need to set up another scheduled measurement request.

STR6927W INVALID DATE/TIME ENTRIES FOUND IN SCHEDULE. *xxxx* ENTRIES REMOVED FROM REQUEST [*nnnn*]

Explanation: You submitted a measurement request or a request group for a request with one or more invalid entries for the STARTDATE and the STARTTIME parameters. STROBE removes *xxxx* entries from the schedule. The values for these parameters must be a future date and time or the current date with a future time. The future time must be at least three minutes in the future from when the system receives the request. If present, the request number is *nnnn*.

System Action: STROBE removes the invalid entries and continues processing.

User Response: None required.

STR6928E NO VALID DATE/TIME ENTRIES FOUND IN SCHEDULE REQUEST [*nnnn*] MARKED COMPLETED

Explanation: No valid entries for the STARTDATE and the STARTTIME parameters remain in the scheduled request. The values for these parameters must be a future date and time (or the current date with a future time). The future time must be at least two minutes in the future

from when the system receives the request. The request is marked completed. If present, the request number is *nnnn*.

System Action: STROBE marks the scheduled request as completed and continues processing.

User Response: None required.

STR6929I UNUSED REQUEST *nnnn* WILL BE DELETED

Explanation: In a multistep measurement request, the step for request *nnnn* never ran, so the measurement for request *nnnn* never initiated. This request will be deleted.

System Action: STROBE deletes the request.

User Response: None required.

STR6930E GROUPNAME PARAMETER MUST BE SPECIFIED FOR THIS REQUEST

Explanation: You specified a SUBMIT operation to submit a request group for processing but did not specify the group name using the GROUPNAME parameter.

System Action: STROBE does not process the request.

User Response: Resubmit the request using the GROUPNAME parameter.

STR6931I SCHEDULE PARAMETERS NOT SUPPORTED ON GROUP REQUESTS - PARAMETERS IGNORED

Explanation: You specified an ADDGRP operation to save a request as a request group element in a request group. However, you have also specified some of the scheduling parameters, such as STARTDATE and STARTTIME. These parameters are not allowed on the ADDGRP operation, because the request is being saved in the group, not submitted for processing.

System Action: STROBE saves the request in the request group, but ignores the scheduling parameters.

User Response: None required. If you want to submit the request group with a schedule, use the SUBMIT operation, as described in “Measuring with the STROBE Command Language” in the *STROBE MVS User's Guide with Advanced Session Management*.

STR6932I REQUEST *xxxx* BEING TERMINATED BY TRIGGER REQUEST *nnnn*

Explanation: The primary (trigger) request of the concurrent set (*nnnn*) terminated the related request (*xxxx*) in a concurrent set. In concurrent set processing, the primary, or trigger, request controls the initiation and termination of all the related requests in the concurrent set.

System Action: STROBE marks the requests as completed and continues processing.

User Response: None required.

STR6933I ADDGRP FAILED - REQUEST MUST BE AN ADD ACTIVE

Explanation: The Add Group request was unsuccessful. You attempted to specify an Add Queued request group element as a related request in a concurrent set incorrectly. You attempted to enter this request as an Add Queued, but it must be an Add Active.

System Action: STROBE does not process the request.

User Response: Resubmit the request, ensuring that the request is an Add Active request group element.

STR6934W SUBMIT FAILED FOR RELATED CONCURRENT SET *concurrentname* GROUP *groupname*, REQUESTS NOT SUBMITTED

Explanation: The SUBMIT operation for concurrent set *concurrentname* failed. This concurrent set is a member of group *groupname*.

System Action: STROBE terminates all of the related requests in the concurrent set.

User Response: Examine the STROBE log to determine the cause of the failure, correct the problem, and resubmit the request group.

STR6935E LIST FAILED FOR GROUP *groupname* STORAGE UNAVAILABLE RC=*rc*

Explanation: You attempted to list the elements in the request group identified by *groupname*. However, STROBE cannot complete the request because of insufficient storage. The return code, *rc*, holds the contents of register 15 from IBM's GETMAIN macro.

System Action: STROBE does not display the contents of the request group.

User Response: Check the STROBE log for additional messages and notify the STROBE system programmer.

STR6936E SUBMIT FOR GROUP *groupname* FAILED MAX REQUESTS WOULD BE EXCEEDED

Explanation: You have attempted to submit the request group, identified by *groupname*, for processing. However, STROBE could not process the request group because the total number of requests on the STROBE system would exceed the maximum amount specified by the STROBE system programmer at installation time.

System Action: STROBE does not submit the request group.

User Response: Notify the STROBE system programmer.

STR6937E NUMBER OF GROUP ELEMENTS NOW EXCEEDS MAX REQUESTS. GROUP *groupname* CANNOT BE SUBMITTED

Explanation: The total number of request group elements in the request group *groupname* exceeds the maximum number of allowable request group elements. This number is defined as the maximum number of requests allowed on the system.

System Action: STROBE cannot submit the request group for processing.

User Response: Delete some of the request group elements in request group *groupname*.

STR6938W SEQUENCE NUMBER EXCEEDS 999 FOR GROUP *groupname* - GROUP MUST BE RESEQUENCED

Explanation: You attempted to add request elements to group *groupname*. However, the sequence numbers for the request group have already reached 999. As you add elements to a group, STROBE assigns a unique sequence number to each request element. The maximum sequence number that STROBE will assign is 999. You cannot add to the group once STROBE has assigned this number. The sequence numbers associated with each request element within a group do not change even if you delete request elements from the group. For STROBE to supply new sequence numbers, you must first delete some request elements and then copy the group to a new group name. STROBE will then assign new sequence numbers to the request elements. This message is followed by STR6939W.

System Action: STROBE will not process the request.

User Response: Delete the unwanted request elements from group *groupname* and follow the instructions in STR6939W.

STR6939W COPY GROUP *groupname* TO A NEW GROUP

Explanation: To resequence the numbers assigned to request elements in the group, copy the group to a new name. This message is preceded by STR6938W.

System Action: STROBE processes the request.

User Response: Copy *groupname* to a new group name.

STR6940W IMPLANT FOR SCHEDULED REQUEST FAILED - REQUEST MARKED COMPLETE

Explanation: STROBE attempted to run a scheduled Add Active measurement request at the dates, times, number of retry intervals, and number of retry attempts that you specified, but STROBE could not find the specified job. Although the term "implant" refers to the STROBE measurement request in the STROBE address space, this message could be generated by any of the following reasons:

- The job that STROBE was to measure never became active.
- STROBE was not running in the address space.
- The implant for the measurement was never established.

System Action: STROBE changes the status of the current element from deferred to completed. STROBE was unable to measure this element in the group, however, it will attempt

to measure other elements in the group according to the submissions and retry intervals that you specified.

User Response: None required. You cannot produce a Performance Profile from the request (even though it is identified as completed) because there is no measurement data.

STR6941S STROBE SSI FUNCTION *function* FAILED PROCESSING JOB *jobname* AT time *date*

Explanation: STROBE function *function* failed while processing job *jobname* at time *time* and date *date*.

System Action: The subsystem interface becomes disabled.

User Response: Notify the STROBE system programmer.

STR6942S MULTISTEP NOT ALLOWED - ADVANCED SESSION MANAGEMENT NOT INSTALLED ON SYSTEM *sysname*

Explanation: STROBE cannot process a request to measure multiple steps of a job because the STROBE Advanced Session Management Feature is not installed on system *sysname*.

System Action: STROBE will process the first specified job step in the measurement request.

User Response: None required. To install the STROBE Advanced Session Management Feature, notify the STROBE system programmer.

STR6943S CONCURRENT NOT ALLOWED - ADVANCED SESSION MANAGEMENT NOT INSTALLED ON SYSTEM *sysname*

Explanation: STROBE cannot process all measurement requests of a concurrent set because the STROBE Advanced Session Management Feature is not installed on system *sysname*.

System Action: STROBE processes the trigger request of the concurrent set but will not process any related requests.

User Response: To install the STROBE Advanced Session Management Feature, contact Compuware Technical Support.

STR6944E NOT AUTHORIZED TO ISSUE *commandname* COMMAND FOR {OWNER= | NEWOWNER=} *username*

Explanation: You tried to issue a STROBE Advanced Session Manager Feature group processing command *commandname* for the owner or new owner identified in *username*. The STROBE security interface determined that you do not have authority to issue this command for groups created by this owner or new owner.

System Action: STROBE will not process the request.

User Response: Do not issue this command for *username*. The STROBE administrator can issue this command for this user.

STR6945E SYSGROUP DATASET ERROR, RTN: *routine*, RC= *vsamrc* RSNCD=*vsamrsnc*

Explanation: The session manager encountered an error executing routine *routine* while accessing the SYSGROUP data set. The VSAM return code is *vsamrc*, and the VSAM reason code is *vsamrsnc*.

System Action: STROBE does not process the request.

User Response: Notify the STROBE system programmer.

STR6946E MULTIPLE TRIGGERS FOUND FOR CONCURRENT SET *concurrentname* GROUP *groupname*

Explanation: You designated more than one trigger request for related requests in a concurrent set. The concurrent set name is identified by *concurrentname* and the request group name is identified by *groupname*.

System Action: STROBE does not create the concurrent set association among the requests.

User Response: Specify only one request group element as the trigger request for the concurrent set.

STR6947E TIMEOUT FOR COMMAND *commandname*, PROCESSING HALTED RC=*rc*

Explanation: Command *commandname* has timed out with return code *rc*.

System Action: STROBE may not have processed the command. The log contains additional information.

User Response: Check the STROBE log for additional information and notify the STROBE system programmer.

STR6948W ROUTINE *routinename* SENSED SESSION MANAGER TIMEOUT ROUTINE COMPLETED SUCCESSFULLY

Explanation: This message accompanies STR6947E. Although you received a timed out message for the command, the routine *routinename* has completed successfully.

System Action: STROBE successfully processed the request.

User Response: Notify the STROBE system programmer.

Messages Returned by STROBE/ISPF

STROBE/ISPF produces the following messages. The short version of each message appears in the ISPF message line at the top right corner of a panel. The long version of the message, shown below the short version, appears when you press the **Help** function key.

STR7010E INVALID DISPOSITION. THE VALID SAMPLE DATA SET DISPOSITIONS ARE 'CATLG' AND 'KEEP'

Explanation: You selected an invalid data set disposition.

System Action: STROBE/ISPF does not process the measurement request.

User Response: Specify either "CATLG" or "KEEP" in the DISP field on the ADD ACTIVE, REQUEST, ADD QUEUED REQUEST, or CHANGE QUEUED REQUEST panel, or on the corresponding BATCH-SUBMISSION panel.

STR7013E INVALID JOBNAME. ENTER UP TO 8 ALPHANUMERIC CHARACTERS - THE 1ST MUST NOT BE NUMERIC

Explanation: You specified the JOBNAME field incorrectly.

System Action: STROBE/ISPF does not process the measurement request.

User Response: Specify a jobname from 1 to 8 alphanumeric or national characters. The first character must be alphabetic or national.

STR7014E INVALID SESS. DURATION. SESSION DURATION MUST BE A NUMBER FROM 1 to 1440

Explanation: You specified the SESSION DURATION field incorrectly. This field is used to estimate in minutes the duration of the measurement session.

System Action: STROBE/ISPF does not process the measurement request.

User Response: Specify a number from 1 to 1440. If you leave the field blank, STROBE uses the default of 1 minute.

STR7015E NUM SAMPLES OUT OF RANGE. NUMBER OF SAMPLES REQUESTED SHOULD BE BETWEEN 1,000 AND 150,000

Explanation: You specified the NUMBER OF SAMPLES field incorrectly.

System Action: STROBE/ISPF does not process the measurement request.

User Response: Specify a value between 1,000 and 150,000 or clear the field to accept the STROBE/ISPF default value of 10,000 samples.

STR7016E FINAL SESS. ACT. INVALID. FINAL SESSION ACTION MUST BE 'Q', 'S', OR 'C' (IF NO CICS DATA COLLECTOR)

Explanation: You specified the FINAL SESSION ACTION field incorrectly. This field indicates the action to be taken when the target sample size is reached in the last measurement session.

You cannot specify a final session action of "C" if the CICS data collector is invoked.

System Action: STROBE/ISPF does not process the measurement request.

User Response: Specify “Q” to Quit sampling and terminate the request, “S” to Stop sampling but leave the measurement session active, or “C” to take no action and continue sampling. If you leave the field blank, STROBE uses the default value of “Q” for an Add Active request or “C” for an Add Queued request.

STR7018E MSG DS ALLOC FAILURE. RC= *rc*; ERC/IRC= *erc/irc*; TEMP DATA SET WITH SSMF MSGS

Explanation: The operating system returned a nonzero return code *rc* while attempting to allocate a temporary data set to display the STROBE messages. The error reason code is *erc*, and the information reason code is *irc*.

System Action: The STROBE log will not display with the STROBE/ISPF Browse Log function or the .CVM command.

User Response: Notify the STROBE system programmer.

STR7019E INVALID OPTION/COMMAND. CHECK THE SPECIFICATION IN THE OPTION OR COMMAND FIELD

Explanation: You selected an option that the panel does not support or entered a command that is invalid.

System Action: STROBE/ISPF does not process the option or command.

User Response: Select one of the options listed on the panel or enter a valid command.

STR7020I REQ *nnnn* {ACTIVE|SUSPENDED|QUEUED|TERMINATED|SCHEDULED} [RC=*rc*] {A STROBE REQUEST HAS BEEN ADDED FOR *jobname*|THE STROBE REQUEST WAS TERMINATED FOR *jobname*}

Explanation: You submitted a measurement request. STROBE/ISPF reports the request number (*nnnn*) and status in the short message field. If the request was submitted successfully, the *jobname* appears in the long message field. Otherwise, the return code appears in the short message field and the appropriate error message appears in the long message field.

System Action: STROBE successfully processed the request and is waiting for the next request.

User Response: None required.

STR7021E SELECT AN OPTION. OPTION FIELD IS BLANK - SELECT AN OPTION FROM THE OPTIONS ON PANEL

Explanation: You did not specify a processing option for the request.

System Action: None.

User Response: Enter the option code in the OPTION field and resubmit the request.

STR7022E WORK DS ALLOC FAILURE. RC=*rc*; ERC/IRC=*erc/irc*; *ddname*

Explanation: STROBE/ISPF encountered a nonzero return code, *rc*, while attempting to allocate a work data set, *ddname*, for foreground processing. The error reason code is *erc* and the information reason code is *irc*.

System Action: STROBE/ISPF cannot allocate the work data set.

User Response: Notify the STROBE system programmer.

STR7023E REQUIRED FIELD. PROGRAM NAME OR STEPNAME/STEPNUMBER OR PROCSTEP.STEPNAME REQUIRED

Explanation: You identified the target job incorrectly in the PROGRAM or STEP field of the ADD QUEUED REQUEST panel.

System Action: STROBE/ISPF does not process the measurement request.

User Response: You must specify one or more of the job identification operands: program name, stepname, stepnumber, and procstepname.stepname. Resubmit the request, and specify the job step or program you want to measure.

If SCHEDULE REQUEST is an option on the ADD QUEUED panel, the STROBE Advanced Session Management Feature is installed and you can measure multiple steps of a job. To do this, clear the PROGRAM and STEP fields and press **Enter**. The ADD QUEUED REQUEST - MULTIPLE STEPS panel will appear. On this panel you can fill in the program names, step names, or step numbers that you would like to measure. To measure all the steps of a job,

specify **"*ALL"** in the STEP field or select Option 4 on the ADD QUEUED REQUEST - MULTIPLE STEPS panel.

STR7024E INVALID PROGRAM NAME. ENTER UP TO 8 ALPHANUMERIC CHARACTERS - THE 1ST MUST NOT BE NUMERIC

Explanation: You have entered an invalid program name in the PROGRAM field.

System Action: STROBE/ISPF does not process the measurement request.

User Response: Specify a program name of 1 to 8 alphanumeric or national characters in the PROGRAM field. The first character must be alphabetic or national.

STR7025E INVALID STEPNAME. SPECIFY EITHER THE RELATIVE STEP NUM (1-255) OR A VALID STEPNAME

Explanation: You entered an invalid step in the STEP field of the ADD QUEUED REQUEST panel or you have chosen Option 2 on the ADD QUEUED REQUEST - MULTIPLE STEPS panel and specified the name of one or more steps or step.procsteps incorrectly.

System Action: STROBE/ISPF does not process the measurement request.

User Response: Supply a relative step number between 1 and 255, or a stepname, or a procstepname and stepname. The stepname or procstepname must contain from 1 to 8 alphanumeric characters. The first character must be alphabetic or national. The three national characters are @, #, and \$.

If you want to measure multiple steps of a job, clear the PROGRAM and STEP fields and press **Enter**. This will bring you to the ADD QUEUED REQUEST - MULTIPLE STEPS panel on which you can fill in the program names, step names, or step numbers that you would like to measure. To measure all the steps of a job, specify **"*ALL"** in the STEP field or select Option 4 on the ADD QUEUED REQUEST - MULTIPLE STEPS panel.

STR7026E LINES/PAGE OUT OF RANGE. LINES PER PAGE SHOULD BE FROM 45 TO 80

Explanation: You specified an invalid number of lines per page in the LINES/PAGE field. This field controls the number of lines printed on each page of the Performance Profile.

System Action: STROBE/ISPF does not process the Performance Profile request.

User Response: Enter a value between 45 and 80 or clear the field to accept the STROBE default of 60.

STR7027I MAX NUM OF JOBS SELECTED. TO ADD MORE JOBS REPEAT REQUEST WITH BLANK JOBNAME

Explanation: You chose more than 32 Active jobs from the Active Job Selection List.

System Action: STROBE/ISPF will process the first 32 jobs selected.

User Response: To process additional jobs, add the first 32 Add Active requests, clear the JOBNAME field on the last ADD ACTIVE REQUEST panel, and select up to 32 more jobs to process from the ACTIVE JOB SELECTION LIST panel. Repeat this process until you have selected all desired jobs.

STR7028E STROBE ERROR. STROBE *message*

Explanation: STROBE detected an error while processing a measurement request. The long message field provides the STROBE message.

System Action: STROBE does not process the measurement request.

User Response: To view all the session management facility messages, enter **.CVM** in the option field or command line, and then notify the STROBE system programmer.

STR7029E PROFILE ALLOC ERROR. RC= *rc*; ERC/IRC= *erc/irc*; *dsname*

Explanation: The operating system returned a nonzero return code *rc* while STROBE/ISPF attempted to allocate a data set, *dsname*, for foreground processing of the STROBE Performance Profile. The error reason code is *erc* and the information reason code is *irc*. STROBE normally stores a version of the Performance Profile with an 80-character format in this data set.

System Action: STROBE does not allocate the data set or process the Performance Profile request.

User Response: Notify the STROBE system programmer.

STR7030W STROBE WARNING. STROBE message

Explanation: STROBE detected an error and issued this warning message while processing a measurement request. The long message field gives the entire message.

System Action: STROBE processes the measurement request but may not apply all specified options.

User Response: To view all the STROBE messages, enter .CVM in the option field or command line.

STR7031E INTERNAL ERROR *modname info* - NOTIFY STROBE SYSTEM PROGRAMMER

Explanation: A STROBE/ISPF module *modname* encountered an internal error. Information about the error appears in *info*. This summary includes the return code, if applicable.

System Action: STROBE/ISPF does not perform the requested action.

User Response: Notify the STROBE system programmer.

STR7032E USE S AS A SELECT CODE. USE S TO THE LEFT OF THE ENTRY TO INCLUDE IT IN YOUR SELECTION LIST

Explanation: You specified the selection code incorrectly.

System Action: STROBE/ISPF does not process the request.

User Response: Use "S" to select an entry in the list.

STR7033I STROBE ENV NOT ACTIVE. STROBE message

Explanation: STROBE is not active. If STROBE issued only one message, it is displayed in the long message field. Otherwise, all messages are displayed in the STROBE log.

System Action: STROBE/ISPF cannot process the option. You cannot select Add Active and Add Queued requests, request groups (applicable only if you have the STROBE Advanced Session Management Feature), status, or the log utility function. You can select other STROBE/ISPF options that do not require STROBE session management facility. These options include: setting user defaults, creating a Performance Profile, using the Indexer, and viewing messages and changes.

User Response: Ask the STROBE system programmer to activate the STROBE environment.

STR7034S SSMF ERRORCHECK THE LOG FOR ADDITIONAL INFORMATION

Explanation: You selected an option that requires a component of STROBE, the STROBE session management facility, but this facility issued a return code of 20 (severe error) on a previous call.

System Action: STROBE/ISPF cannot process the option. You cannot select Add Active and Add Queued requests, request groups (applicable only if you have the STROBE Advanced Session Management Feature), status, or the log utility function. You can select other STROBE/ISPF options that do not require STROBE session management facility. These options include: setting user defaults, creating a Performance Profile, using the Indexer, and viewing messages and changes.

User Response: Use the ISPF Browse function (not STROBE/ISPF) to examine the STROBE log for additional information. If you cannot browse the STROBE log, notify the STROBE system programmer.

STR7035E RESOLUTION OUT OF RANGE. RESOLUTION SHOULD BE BETWEEN 1 AND 9999

Explanation: You specified an invalid value in the RESOLUTION field. The value in this field determines the size of the codeblocks into which STROBE will subdivide long procedures for detailed reporting.

System Action: STROBE/ISPF does not process the Performance Profile request.

User Response: Enter a value between 1 and 9999 or clear the field to accept the STROBE default of 64 bytes.

STR7036S SSMF ERROR. AN UNRECOVERABLE FAILURE HAS OCCURRED

Explanation: STROBE/ISPF encountered a return code of 20 (severe error) while trying to call the STROBE session management facility. The STROBE session management facility cannot recover from this failure.

System Action: All STROBE session management facility processing stops.

User Response: To view all the STROBE messages, enter .CVM in the option field or command line. Notify the STROBE system programmer.

STR7037E ENTER 'B' OR 'F'. YOU MUST SPECIFY (B)ACKGROUND OR (F)OREGROUND

Explanation: You did not specify a processing option in the option field.

System Action: STROBE/ISPF does not process the request.

User Response: To generate a batch job, specify “B” for background processing. Multiple requests for Performance Profiles or map data sets are generated as steps in the same job.

To view the Performance Profile or create the map data set online, specify “F” for foreground processing.

STR7038E DYNAMIC ALLOCATION ERROR. RC= rc; ERC/IRC= erc/irc; {dsname [member]}|ddname}

Explanation: The operating system returned a nonzero return code *rc* while attempting to allocate the data set specified by the data set name *dsname* or the data definition name *ddname*. If the data set is a partitioned data set, the member name is *member*. The error reason code is *erc* and the information reason code is *irc*.

System Action: STROBE/ISPF does not allocate the data set.

User Response: Notify the STROBE system programmer.

STR7039E SYSIN DATA SET NOT FOUND. SYSIN DATA SET dsname NOT FOUND

Explanation: A SYSIN data set, *dsname*, is specified, but the SYSIN data set is not cataloged.

System Action: STROBE/ISPF cannot produce a Performance Profile until either a cataloged data set is specified or the SYSIN field is cleared to indicate that a SYSIN data set is not needed.

User Response: Specify a valid SYSIN data set name in the SYSIN field or clear the field.

STR7040E INVALID REQ NUMBER. REQUEST NUMBER MUST BE A NUMBER BETWEEN 1 AND 999

Explanation: You specified an invalid request number.

System Action: STROBE/ISPF does not process the request.

User Response: Enter a numeric value from 1 to 999.

STR7041E BASELINE OUT OF RANGE. DETAIL BASELINE MUST BE A VALUE FROM 0 TO 99

Explanation: You specified an invalid percentage in the DETAIL BASELINE field.

System Action: STROBE/ISPF does not process the Performance Profile request.

User Response: Specify a value between 0 and 99.

STR7042E DEFAULT PROFILE ERROR. RC = rc; ERC/IRC = erc/irc; BLANK OR CHOOSE ANOTHER

Explanation: You chose Option G from the STATUS panel, but STROBE/ISPF has encountered a nonzero return code, *rc*, while attempting to allocate the sample data set. The error reason code is *erc* and the information reason code is *irc*.

System Action: STROBE cannot create a Performance Profile from the data set.

User Response: Clear the SAMPLE DATA SET NAME field and press **Enter** to bypass the failing data set or enter another sample data set name in this field. Notify the STROBE system programmer.

STR7043E UNABLE TO LOCATE SSR. progname WAS NOT FOUND IN A LINKLIST

Explanation: STROBE/ISPF is unable to load the session requester because it did not find the program *progname*.

System Action: STROBE/ISPF cannot process any option that requires the session requester.

User Response: Notify the STROBE system programmer. There has probably been an installation error.

STR7044E WRONG SSR VERSION. SSR RELEASE NUM IS *ccc*; STROBE/ISPF RELEASE NUM IS *sss*

Explanation: The release number (NUM), *ccc*, of a component of STROBE, the STROBE session requester (SSR), does not match the release number of STROBE/ISPF, *sss*.

System Action: STROBE/ISPF cannot process any option requiring SSR.

User Response: Notify the STROBE system programmer. There has probably been an installation error.

STR7045E UNIT & VOLUME REQUIRED. THE UNIT AND VOLUME ARE REQUIRED FOR AN UNCATALOGED DATA SET

Explanation: You specified an uncataloged data set but have not provided a unit name, volume serial number, or both.

System Action: STROBE/ISPF cannot allocate the data set.

User Response: Specify the unit name and volume serial number of the device on which the data set is located.

STR7046E VOLUME IS INVALID. VALID VOLUME IS 1 TO 6 ALPHANUMERIC, SPECIAL OR NATIONAL CHARACTERS

Explanation: You specified an invalid volume serial number in the VOLUME field.

System Action: STROBE/ISPF does not process the request.

User Response: Specify a valid volume serial number. It must be 1 to 6 alphanumeric, special, or national characters. The three national characters are @ # \$. The eleven special characters are the "blank" character, . / ')
(* & = +.

STR7047E UNABLE TO FIND *programe*. *programe* NOT FOUND IN LINKLIST

Explanation: STROBE/ISPF cannot find the program *programe* in the link list data set, and your STROBE system programmer did not specify a STROBE load library in the &STRBLOAD variable on the DEFAULT OPTIONS panel (STRBDFLT) in the STROBE panel library.

System Action: STROBE/ISPF does not process the request.

User Response: Ask the STROBE system programmer to specify the STROBE load library containing this program in the &STRBLOAD variable in the DEFAULT OPTIONS panel (STRBDFLT) or to copy the load module into a link list data set.

STR7048E UNABLE TO FIND *programe*. *programe* NOT IN *loadlib* OR LINKLIST

Explanation: STROBE/ISPF cannot find the program *programe* in a link list data set or in the data set *loadlib* specified on the &STRBLOAD variable in the DEFAULT OPTIONS panel (STRBDFLT) in the STROBE panel library.

System Action: STROBE/ISPF does not process the request.

User Response: Notify the STROBE system programmer.

STR7049I SPECIFY JCL DISPOSITION. JCL FOR JOB STEPS CREATED - SELECT OPTION TO PROCESS OR 'END'

Explanation: You pressed **End** at the PRODUCE A PERFORMANCE PROFILE panel or from the INDEX TO CREATE A MAP DATA SET panel after submitting requests for background processing.

System Action: STROBE /ISPF places the job control statements for the requests in a temporary data set and displays the SELECT OPTION FOR JOB STREAM panel.

User Response: Select the desired option from this panel or press **End** to cancel the background requests.

STR7050E NO SELECTIONS MADE. NO DATA SETS WERE SELECTED FROM DATA SET LIST JUST PRESENTED

Explanation: You did not select a data set to process after you requested a list of data sets available for Performance Profile processing.

System Action: STROBE /ISPF does not process the request.

User Response: Request the data set list again and select the data sets to process by placing an "S" to the left of the data set names, and press **Enter**, or press **End** to cancel the request.

STR7051I NO REQUESTS FOUND. NO MEASUREMENT REQUESTS EXIST [FOR OWNERID *ownerid*]

Explanation: No current measurement requests meet the selection criteria you specified. If you specified an owner ID on the STATUS panel, it is displayed in the variable *ownerid*.

This message is issued when you perform any of the following operations under the conditions specified:

- Select Option 3 (STATUS) on the STROBE OPTIONS menu, and no requests were found that match the owner ID in the OWNERID MASK field.
- Refresh the STATUS panel, and the measurement requests previously displayed no longer exist.
- Attempt to refresh a sample data set list created through the STATUS panel, and the request numbers you selected no longer exist.
- Attempt to display or refresh the sample data set list from the PRODUCE A PERFORMANCE PROFILE panel, but STROBE found no measurement requests that match the owner ID on the STATUS panel.

System Action: STROBE/ISPF does not display the request or sample data set list.

User Response: If you want to display requests, change the owner ID mask in the OWNERID MASK field of the STATUS panel to match the owner ID of the requests. If the request that you want to display is deleted, search the STROBE log for messages about the request and a record of the sample data sets created for the request.

STR7052E INVALID PERCENTAGE VALUE. PERCENTAGE MUST BE BETWEEN 00.0 AND 99.9

Explanation: You specified an invalid percentage.

System Action: STROBE/ISPF does not process the Performance Profile request.

User Response: Specify a value between 00.0 and 99.9.

STR7053E COMPRESS ID INVALID. PREFIX MAY BE UP TO 8 CHARS - THE FIRST CHARACTER CANNOT BE NUMERIC

Explanation: You specified an incorrect prefix under the COMPRESS option on the DETAIL FOR A PERFORMANCE PROFILE panel.

System Action: STROBE/ISPF does not process the Performance Profile request.

User Response: Specify a valid prefix and resubmit the request. Valid prefixes contain three alphanumeric characters, beginning with an alphabetic or national character. Following the prefix, the other seven characters may be alphabetic, numeric, national, or the global search character *. The global search character specifies a shortened prefix field for grouping and should be used in the second or third position, not the first.

STR7054E MISSING MEMBER NAME. A PARTITIONED DATA SET IS SPECIFIED BUT NO MEMBER NAME IS SUPPLIED

Explanation: You specified a partitioned data set without a member name in the DATA SET NAME field.

System Action: STROBE/ISPF does not process the Performance Profile request.

User Response: Enter a valid partitioned data set with a member name or enter a valid sequential data set without a member name.

STR7055E AUTHORIZATION ERROR. DELETE OF *dsname* REC'D PROBABLE AUTHORIZATION ERROR

Explanation: You tried to delete a request and its associated sample data sets using Option X from the STATUS panel, but you are not authorized to delete the sample data set, *dsname*.

System Action: STROBE does not delete the request or any of the associated sample data sets.

User Response: Verify that you have the authority to delete the sample data sets.

STR7056E WORKPRI VAR NOT SPEC'D. PRIMARY SPACE ALLOCATION IS NOT SPECIFIED FOR ISPF VAR WORKPRI

Explanation: The STROBE system programmer did not specify a value for the STROBE/ISPF variable &WORKPRI (primary space allocation) in the DEFAULT OPTIONS panel (STRBDFLT).

System Action: STROBE dynamic allocation will fail unless your installation has established default space allocation parameters.

User Response: Ask the STROBE system programmer to specify the variable &WORKPRI.

STR7057I SAMPLE DSN(S) NOT DLET. SAMPLE DSN NOT FOUND/NOT DELETED FOR REQ *nnnn*; REQ NUMBER DELETED

Explanation: You tried to delete a request, *nnnn*, and its associated sample data sets using Option X from the STATUS panel, but STROBE/ISPF has found no sample data sets associated with this request.

System Action: STROBE deletes only the request number *nnnn*.

User Response: None required.

STR7058E USE 'Y' TO SELECT LANG. TO SELECT A LANGUAGE, ENTER 'Y' NEXT TO THE PROGRAM LANGUAGE NAME

Explanation: You entered an invalid selection code next to a program language name.

System Action: STROBE/ISPF does not process the Indexer request.

User Response: Select a language by entering a "Y" to the right of the program language name.

STR7059E LIST DATA SET REQ'D. SPECIFY A LIST DATA SET NAME IN THE FIRST FIELD

Explanation: You did not specify a data set name in the first INPUT: COMPILER SYSPRINT DATA SETS field on the INDEX TO CREATE A MAP DATA SET panel. This field must name a data set containing the SYSPRINT listing produced by a compiler or an assembler.

System Action: STROBE/ISPF does not process the Indexer request.

User Response: Specify a data set name in the first INPUT: COMPILER SYSPRINT DATA SETS field.

STR7060E MEMBER NAME NOT VALID. A MEMBER NAME IS NOT ALLOWED ON A SEQUENTIAL DATA SET

Explanation: You specified a sequential data set with a member name in parentheses. A member name cannot be specified for this data set.

System Action: STROBE/ISPF does not process the Indexer request.

User Response: Remove the member name from the sequential data set or specify a partitioned data set.

STR7061E INVALID SPECIFICATION. CICS DC MUST BE SPECIFIED AS Y FOR THE CICS OPTIONS TO BE USED

Explanation: You requested a CICS processing option without selecting the CICS data collector on the DATA COLLECTORS panel.

System Action: STROBE cannot process any CICS options until the CICS data collector is invoked.

User Response: Specify "Y" next to the CICS data collector on the DATA COLLECTORS panel.

STR7062I MAP DATA SET CREATED. THE STROBE MAP DATA SET HAS BEEN CREATED IN *dsname*

Explanation: You specified foreground indexing of a SYSPRINT data set for a map data set. The name of the data set is *dsname*.

System Action: STROBE successfully completed and created a map data set in the foreground.

User Response: If you requested the creation of a map data set through the Profile option, you can press **Enter** to supply the map data set to the Reporter. Otherwise, you can supply the map data set later when you produce a Performance Profile.

STR7063E INDEXER CMLPTD RC=*rc*. indexer message

Explanation: You selected foreground processing from the INDEX TO CREATE A MAP DATA SET panel.

System Action: STROBE Indexer returned a nonzero return code, *rc*.

User Response: Press **Help** key to view the corresponding Indexer error message in the long message field. Find the message in *STROBE MVS Messages* (this manual) and read the indicated response.

STR7064E TEMP SYSIN DS ALLOC ERR. RC= *rc*; ERC/IRC= *erc/irc*; *dsname*

Explanation: The operating system returned a non-zero return code, *rc*, while attempting to allocate a temporary data set for the Reporter operands specified on the PRODUCE A PERFORMANCE PROFILE panel. The error reason code is *erc* and the information reason code is *irc*.

System Action: STROBE does not allocate the data set named *dsname*. STROBE cannot complete the request to create a Performance Profile.

User Response: Notify the STROBE system programmer.

STR7065E PROGRAM LANGUAGE REQ'D. ENTER 'Y' NEXT TO THE PROGRAM LANGUAGE OF THE SYSPRINT DATA SETS

Explanation: You did not specify a program language.

System Action: STROBE/ISPF does not process the Indexer request.

User Response: Enter a "Y" next to the language of the programs you want to index.

STR7066E SELECT ONLY 1 LANGUAGE. SELECT ONLY ONE LANGUAGE PER MAP DATA SET

Explanation: You selected more than one program language name on the INDEX TO CREATE A MAP DATA SET panel.

System Action: STROBE/ISPF does not process the Indexer request.

User Response: Enter a "Y" next to the language of the programs you want to index. You can specify only one language for each map data set.

To index programs with different source languages, create multiple map data sets.

STR7067E ENTER REQ NUM OR JOBNAME. SPECIFY EITHER REQUEST NUMBER OR JOBNAME FOR THE CHANGE REQUEST

Explanation: You either specified both a jobname and a request number or neither the jobname nor the request number.

System Action: STROBE does not process the change for your request.

User Response: Specify either the jobname or the request number (but not both) to identify the request you wish to change.

STR7068E SYSPRINT ALLOC ERROR. RC=*rc*; ERC/IRC= *erc/irc*; *dsname*

Explanation: STROBE encountered an error when it attempted to dynamically allocate dataset *dsname* with the user input on the PRODUCE A PERFORMANCE PROFILE panel or the INDEX TO CREATE A MAP DATA SET panel. The operating system returned a non-zero return code, *rc*, an error reason code, *erc*, and an information reason code, *irc*.

System Action: STROBE/ISPF does not allocate the data set.

User Response: Check for errors in the unit or volume specification. If necessary, consult IBM's *Authorized Assembler Programming Guide* manual, which documents dynamic allocation service's return codes and reason codes. If this information does not help you to resolve the problem, notify the STROBE system programmer. If you are using Storage Management Subsystem (SMS), be sure that the unit and volume specifications comply with SMS rules.

STR7069E OPTION/PARM CONFLICT. OPTION 2 REQUIRED FOR PARAMETER CHANGE(S) ENTERED

Explanation: You specified values in the SESSION DURATION, TARGET SAMPLE SIZE, or FINAL SESSION ACTION fields on the CHANGE REQUEST panel, but selected an option other than 2 in the OPTION field. You can specify these values only when selecting Option 2.

System Action: STROBE/ISPF does not process the change for your request.

User Response: Select Option 2 or clear the SESSION DURATION, TARGET SAMPLE SIZE, and FINAL SESSION ACTION fields before selecting a different option.

STR7070I PROFILE GENERATED. THE STROBE PROFILE [*dsname*] IS CREATED

Explanation: STROBE successfully created a Performance Profile through foreground processing. STROBE encountered no warnings or errors. The name of the data set that contains the Profile is *dsname*. (If a data set has not been specified in the DATA SET NAME field on the PRODUCE A PERFORMANCE PROFILE panel, then *dsname* does not appear.)

System Action: STROBE produces a Performance Profile.

User Response: None required.

STR7071I PROFILE CMLPTD RC= *rc* . A RETURN CODE OF *rc* WAS RECEIVED FROM *progname*

Explanation: The program *progname* sent a nonzero return code, *rc*, to STROBE/ISPF.

System Action: STROBE/ISPF displays the messages returned by the Reporter. If the return code is less than the severe error value of 12, STROBE also produces a Performance Profile.

User Response: If the return code (*rc*) is less than 12, view the Performance Profile. Otherwise, view the messages and take the corrective action indicated.

If you are an APMpower user and the return code (*rc*) that you received is in the following table, follow the response in the message associated with the return code.

Return Code	Message
2109	STR2109S
2111	STR2111S
2113	STR2113S
2116	STR2116S
2120	STR2120S
2125	STR2125W
2130	STR2130S
2131	STR2131W
2140	STR2140W
2145	STR2145S
2146	STR2146E
2191	STR2191W
2300	STR2300S
2310	STR2310S
2320	STR2320S
2400	STR2400S
2501	STR2501I
2604	STR2604I
2606	STR2606E
2611	STR2611I
2612	STR2612E
2613	STR2613E
2614	STR2614E
2615	STR2615E
2616	STR2616E
2617	STR2617E
2622	STR2622E
2624	STR2624E
2625	STR2625E
2627	STR2627E
2628	STR2628E
2650	STR2650W
2651	STR2651C
2703	STR2703W

2780	STR2780W
2781	STR2781W
2812	STR2812E
2950	STR2950S
2951	STR2951S
2952	STR2952E
2953	STR2953E
9502	STR9502E
9503	STR9503E
9504	STR9504E
9507	STR9507E
9511	STR9511E
9515	STR9515E
9516	STR9516E
9517	STR9517E
9518	STR9518E
9523	STR9523E
9533	STR9533E
9536	STR9536E
9543	STR9543E
9545	STR9545E
9546	STR9546E
9551	STR9551E
9553	STR9553E
9556	STR9556E
9559	STR9559E
9561	STR9561E
9562	STR9562E
9563	STR9563E
9565	STR9565W

STR7072E COMPRESS FIELD ERROR. A COMPRESS PREFIX AND GROUP NAME MUST BE SPECIFIED TOGETHER

Explanation: You did not specify both a prefix and a group name under the COMPRESS option on the DETAIL FOR A PERFORMANCE PROFILE panel.

System Action: STROBE/ISPF does not process the Performance Profile request.

User Response: Specify both a prefix (of up to eight characters) and a group name (of up to seven characters).

STR7073I JCL GENERATED. *nnn* SSMF CONTROL STATEMENTS GENERATED FOR BATCH-SUBMISSION

Explanation: You specified at least one batch-submission action.

System Action: STROBE/ISPF wrote *nnn* job control statements to the SYSIN data set to execute STROBE on another system.

User Response: Select Option 7 to submit the control statements, or press F3 to discard them.

STR7074E INVALID REQ NUM/JOBNAME. FIELD DOES NOT CONTAIN A VALID REQUEST NUMBER OR A VALID JOBNAME

Explanation: You specified an invalid jobname or request number on the BATCH-SUBMISSION LIST/DELETE REQUEST panel.

System Action: STROBE/ISPF does not produce commands for the list or delete operations.

User Response: Specify a number between 1 and 999, or specify a 1- to 8-character jobname consisting of alphanumeric or national characters; the first character cannot be numeric.

STR7075E INVALID SPECIFICATION. VALID OPTIONS ARE 'Y' OR 'N'

Explanation: You specified a value other than "Y" or "N" in the field shown by the cursor.

System Action: STROBE/ISPF does not process the request.

User Response: Specify "Y" in the field to select the desired option.

STR7076E JOBNAME REQUIRED. A JOBNAME MUST BE SPECIFIED FOR THE SELECTED OPTION

Explanation: STROBE/ISPF requires a jobname to process the request.

System Action: STROBE/ISPF does not process the request.

User Response: Enter a valid jobname.

STR7077I JOBNAME NOT FOUND. THE SPECIFIED JOBNAME COULD NOT BE FOUND IN THE ACTIVE JOB LIST

Explanation: The job you selected from the ACTIVE JOB SELECTION LIST panel is no longer active.

System Action: STROBE/ISPF does not process the request.

User Response: To update the ACTIVE JOB SELECTION LIST, press **Enter** without making a selection.

STR7078E UNABLE TO LOCATE DSN. LOCATE RC=4 FOR *dsname*

Explanation: The operating system returned a return code of 4 (warning) while attempting to retrieve information from a catalog for data set *dsname*.

System Action: STROBE/ISPF cannot allocate the data set.

User Response: Notify the STROBE system programmer. There has probably been a cataloging error.

STR7079E UNABLE TO OPEN LIBRARY. THE OPEN FOR THE STROBE LOAD LIBRARY WAS UNSUCCESSFUL

Explanation: STROBE/ISPF cannot open the STROBE unauthorized load library. The data set name of the unauthorized STROBE library that contains the STROBE Reporter and Indexer programs is specified in the ISPF variable &STRBLOAD in the STRBDFLT panel.

System Action: STROBE/ISPF does not process the request.

User Response: Notify the STROBE system programmer.

STR7080E INVALID STATUS TYPE. ENTER 'Q', 'A', 'C', ['D'] OR BLANK

Explanation: You have entered an invalid type in the STATUS TYPE field on the BATCH-SUBMISSION LIST/DELETE REQUEST panel. Valid types are:

Q	to list queued requests
A	to list active requests
C	to list completed requests
D	to list deferred requests
Blank	to list all requests

System Action: STROBE/ISPF does not produce control statements for the LIST operation.

User Response: Specify a valid type.

STR7081E STROBE/ISPF ABEND. STROBE *message text*

Explanation: An ABEND occurred during STROBE/ISPF execution.

Information about the ABEND appears in the long message text. You may review additional information by browsing the STROBE log or entering the .CVM command in the OPTION field.

System Action: STROBE/ISPF attempts to restart processing at the PRIMARY STROBE OPTIONS menu. If STROBE/ISPF cannot recover, then STROBE/ISPF processing terminates.

User Response: Notify the STROBE system programmer.

STR7082E UNABLE TO OPEN SYSIN. UNABLE TO OPEN SYSIN DCB

Explanation: STROBE cannot open the SYSIN data set used to pass report operands to the Reporter in the foreground PRODUCE A PERFORMANCE PROFILE panel. You specified this data on the DETAIL FOR A PERFORMANCE PROFILE panel or with the &STRSYSIN variable on the STROBE DEFAULT OPTIONS panel.

System Action: STROBE/ISPF does not process the Performance Profile request.

User Response: Ensure that the data set name on the panel is valid. If it is, or if you have not specified a data set name, notify the STROBE system programmer.

STR7083E *progrname* ABEND Sxxx. *progrname* ABENDED WITH AN xxxx

Explanation: A STROBE program, *progrname*, terminated abnormally with a system code of xxxx. The program is the STROBEDT, the report reformatter STROBEDS, or an Indexer.

System Action: STROBE/ISPF does not process the request.

User Response: If the Reporter has terminated abnormally, verify the sample data set name.

If an Indexer has terminated abnormally, verify the compiler SYSPRINT data set name and the programming language specified on the INDEX TO CREATE A MAP DATA SET panel.

If the region size is 4096KB or less, increasing the region size may correct the problem.

Notify the STROBE system programmer.

STR7084E UNIT NAME REQUIRED. A UNIT NAME IS REQUIRED TO ALLOCATE THE DATA SET

Explanation: You did not specify a unit name.

System Action: STROBE cannot allocate the data set.

User Response: Enter a unit name in the UNIT field.

STR7085I JCL GENERATED. *ppp* PROFILE STEP(S) AND *iii* INDEXER STEP(S) GENERATED

Explanation: STROBE generated *ppp* job steps to create STROBE Performance Profiles and *iii* job steps to create map data sets.

System Action: STROBE/ISPF stores the job control statements in a temporary data set until you save, submit, or cancel them.

User Response: Select Option 1 to submit the job, or select Option 2 or 3 to save the job control statements in a permanent data set. To edit the job stream, select Option 2.

STR7086E NO SAMPLE DATA SETS. NO SAMPLE DATA SETS EXIST [FOR OWNERID *ownerid*]

Explanation: You requested the Sample Data Set list by clearing the SAMPLE DATA SET NAME field, but no sample data sets are available. If an owner ID has been specified on the STATUS panel in the OWNERID MASK field, it is *ownerid*.

System Action: STROBE/ISPF does not process the Performance Profile request.

User Response: Select a completed request that has associated sample data sets, or change the owner ID to display additional requests.

STR7087I NO CHANGES MADE. A CHANGE REQUEST WAS SELECTED BUT NO CHANGES WERE ENTERED

Explanation: You submitted a change request but have not changed the original parameters.

System Action: STROBE/ISPF does not generate a CHANGE control statement.

User Response: Specify the new parameters on the change request panel and press **Enter**, or press **End** to cancel.

STR7088E NO COMMANDS TO PROCESS. CHOOSE ANOTHER OPTION BEFORE SELECTING OPTION 7

Explanation: You selected the JOB STREAM MENU, Option 7, however, no STROBE control statements were generated.

System Action: STROBE/ISPF does not generate a job step until you request STROBE control statements from other options on the BATCH-SUBMISSION OPTIONS menu.

User Response: Select one of these options or press **End** to return to the STROBE OPTIONS menu.

STR7089E DELETE GROUP FAILED. THE GROUP WAS NOT DELETED DUE TO ERRORS

Explanation: A component of STROBE, the STROBE session management facility, detected errors in the processing of the DELETE GROUP command.

System Action: STROBE does not process the command.

User Response: Correct the errors displayed on the browse screen and reissue the command.

STR7090E FIELD MUST BE NUMERIC. THIS FIELD REQUIRES A NUMERIC SPECIFICATION

Explanation: You entered a nonnumeric value in a field that requires a numeric specification.

System Action: STROBE/ISPF does not process your selection.

User Response: Enter a numeric value.

STR7091E SORTSIZE OUT OF RANGE. THE SORT CORE SIZE VALID VALUES ARE ZERO OR FROM 12000 TO 999999

Explanation: You specified an invalid value in the SORT SIZE field.

System Action: STROBE/ISPF does not process the request.

User Response: Specify a number between 12000 and 999999, or select zero to accept the system default. If you clear the field, STROBE/ISPF uses the STROBE default of 999999.

STR7092E INVALID OWNERID. ENTER VALID JOBNAME, OWNERID, PATTERN, OR BLANKS

Explanation: You specified an invalid owner ID in the OWNERID field.

System Action: STROBE/ISPF does not process your selection.

User Response: To view requests submitted under one jobname or TSO owner ID, enter the jobname or owner ID consisting of alphanumeric characters. The first character must not be numeric.

To view requests submitted under all jobnames or TSO owner IDs that begin with a common prefix, enter the prefix followed by the global search character **"*"**.

To view all requests, clear the field or enter only the global search character **"*"**.

STR7093E INVALID DATA SET NAME. YOUR DSNAME SPECIFICATION IS SYNTACTICALLY INCORRECT

Explanation: You specified an invalid data set name.

System Action: STROBE/ISPF does not process your selection.

User Response: Enter a valid data set name.

STR7094E INVALID LIST. AN SVC LIST MUST CONTAIN TWO OR MORE SVC ENTRIES SEPARATED BY COMMAS

Explanation: You specified a list of SVC numbers incorrectly.

System Action: STROBE/ISPF does not process the request.

User Response: Separate the entries in the list of SVC numbers and ranges with commas.

STR7095E CANNOT ALLOCATE PDS. THE PARTITIONED DATA SET SPECIFIED MUST BE CATALOGED

Explanation: You specified an uncataloged partitioned data set in the DATA SET NAME field.

System Action: STROBE/ISPF cannot allocate a new partitioned data set.

User Response: Specify either a sequential data set or a cataloged partitioned data set.

STR7096E SPECIFY MESSAGE NUMBER. SPECIFY THE FOUR-DIGIT NUMERIC PORTION OF THE MESSAGE IDENTIFIER

Explanation: You did not specify a message number in the MESSAGE NUMBER field.

System Action: STROBE/ISPF does not display the message text.

User Response: Enter the four-digit numeric portion of the message key.

STR7097E MSG LIBRARY NOT FOUND. UNABLE TO LOCATE *dsname*

Explanation: The library *dsname*, which contains the STROBE message text, is not cataloged. The STROBE error message text library must be specified in the ISPF variable &STRBETXT in the STRBDFLT member of the STROBE/ISPF panel library.

System Action: STROBE/ISPF does not display the message text.

User Response: Notify the STROBE system programmer.

STR7098E LIB ALLOCATION ERROR. RC=*rc*; ERC/IRC=*erc/irc*; *dsname*

Explanation: STROBE/ISPF attempted to allocate the STROBE error message text library *dsname*, and the operating system returned a nonzero return code, *rc*. The error reason code is *erc* and the information reason code is *irc*. The STROBE error message text library is specified in the ISPF variable &STRBETXT in the STRBDFLT member of the STROBE/ISPF panel library.

System Action: STROBE/ISPF cannot allocate the data set or display the explanation of a message.

User Response: Notify the STROBE system programmer.

STR7099I MESSAGE NOT FOUND. NO MESSAGES WERE FOUND WITH THE MESSAGE KEY *nnnn*

Explanation: You specified a message key for which there is no associated message text in the STROBE message library.

System Action: STROBE/ISPF does not display the message text.

User Response: Correctly specify the four-digit numeric portion of the message key.

STR7100E PERMANENT I/O ERROR. PERM I/O ERROR OR INSUFF STORAGE - *dsname*

Explanation: STROBE/ISPF encountered an error while reading the data set *dsname*. The error indicates insufficient storage or a permanent I/O error.

System Action: STROBE/ISPF stops processing.

User Response: Notify the STROBE system programmer.

STR7101E UNABLE TO OPEN MSG LIB. UNABLE TO OPEN THE ERROR MSG LIB - *dsname*

Explanation: STROBE/ISPF was unable to open the STROBE message library *dsname* while processing a request from the DISPLAY MESSAGE TEXT panel or the .M command. The STROBE error message text library is specified in the STROBE/ISPF variable &STRBETXT in the STRBDFLT member of the STROBE/ISPF panel library.

System Action: STROBE/ISPF does not display the message text.

User Response: Notify the STROBE system programmer.

STR7102E NUMBER OF COPIES INVALID. COPIES MUST BE A NUMERIC VALUE BETWEEN 1 AND 255

Explanation: You specified an invalid number of copies in the NUMBER OF COPIES field.

System Action: STROBE/ISPF does not process the Performance Profile request.

User Response: Specify a number of copies that is between 1 and 255.

STR7103E INVALID MESSAGE NUMBER. THE ERROR MESSAGE KEY MUST BE NUMERIC

Explanation: You specified an invalid message key in the MESSAGE NUMBER field.

System Action: STROBE/ISPF does not display the message text.

User Response: Enter the four-digit numeric portion of the message key.

STR7104E NO MAP GENERATED. MAXIMUM NUMBER OF MAP DATA SETS SPECIFIED ON THE PANEL

Explanation: You specified "Y" in the NEW MAPS field, but all the MAP DATA SET NAMES fields are filled.

System Action: STROBE/ISPF does not process the Indexer request.

User Response: Delete one of the seven MAP DATA SET NAMES fields so that STROBE/ISPF can enter the new map data set name.

STR7105E MESSAGE LIB NOT SPEC'D. STROBE MESSAGE LIB DSN IS NOT SPEC'D FOR THE ISPF VAR STRBETXT

Explanation: A data set name for the library containing the STROBE messages is not specified in the variable &STRBETXT in the STROBE DEFAULT OPTIONS panel (STRBDFLT). The STROBE error message text library must be specified in the ISPF variable &STRBETXT in the STRBDFLT member of the STROBE/ISPF panel library.

System Action: STROBE/ISPF does not display the message text.

User Response: Notify the STROBE system programmer.

STR7106E DATA SET NAME REQUIRED. A DATA SET NAME MUST BE SPECIFIED WHEN OPTION 2 OR 3 IS SELECTED

Explanation: You selected Option 2 or 3 to write the job stream to a data set, but you did not specify a data set name.

System Action: STROBE/ISPF does not write the job stream to a data set.

User Response: Specify a sequential data set or a member of an existing partitioned data set. If the sequential data set does not already exist, STROBE/ISPF creates and catalogs it.

STR7107E SPECIFY MAP DSNAME. A MAP DATA SET NAME IS REQUIRED FOR THE INDEXER OUTPUT

Explanation: You left the MAP DATA SET field blank. This field specifies a name for the map data set produced by a STROBE Indexer.

System Action: STROBE/ISPF does not process the Indexer request.

User Response: Specify a fully qualified data set name within single quotation marks. If you specify a data set name without single quotation marks, STROBE/ISPF appends your TSO prefix or owner ID or the system-default high-order qualifier to the data set name.

STR7108E ISPF SERVICE FAILED. SERVICE *servicename* RC = *rc* IN *modname*

Explanation: STROBE called the dialog service *servicename* from module *modname*, but the service routine failed with a return code of *rc*.

System Action: STROBE/ISPF does not process your selection.

User Response: Notify the STROBE system programmer.

STR7110E MEMBER NAME NOT ALLOWED. MEMBER NAME IS NOT ALLOWED IN THE DATA SET NAME

Explanation: You cannot specify a partitioned data set for a sample data set or a Performance Profile data set.

System Action: STROBE/ISPF does not process your request.

User Response: Specify the name of a sequential data set.

STR7111E VOLUME NOT MOUNTED. *dsname* IS NOT AVAILABLE, MOUNT VOLUME *volume*

Explanation: STROBE/ISPF attempted to retrieve a data set, *dsname*, from the specified volume *volume* and the operating system returned a return code of 4 (warning).

System Action: The volume is not mounted.

User Response: Request that the device be mounted or specify a data set on another volume.

STR7112E DATA SET NOT ON VOLUME. *dsname* NOT ON *volume*

Explanation: STROBE/ISPF attempted to retrieve the data set *dsname* from the specified volume *volume* on a direct-access storage device, and the operating system returned a return code of 8. The data set is not cataloged on that volume.

System Action: STROBE/ISPF does not process the request.

User Response: Specify an existing data set name.

STR7113E VALIDATION ERROR. RC=*rc* ON VOLUME *volume* FOR *dsname*

Explanation: STROBE/ISPF attempted to retrieve data set *dsname* from volume *volume* on a direct-access storage device, and the operating system has returned a return code, *rc*, of 12 or 16 (severe errors).

System Action: STROBE/ISPF does not process the request.

User Response: Refer to the relevant IBM publication and notify the STROBE system programmer.

STR7114W TIME OUT OCCURRED. REQ NUM NOT AVAILABLE - CHECK STATUS PANEL OR LOG FOR VERIFICATION

Explanation: STROBE may have been unable to add the request.

System Action: STROBE may not have processed the request. The log and STATUS panel contain additional information.

User Response: Check the STROBE log for additional messages and the STATUS panel for additional information. If the request succeeded, it will appear on the STATUS panel.

STR7115E DATA SET NOT CATALOGED. *dsname* COULD NOT BE LOCATED IN THE SYSTEM CATALOG

Explanation: STROBE/ISPF attempted to retrieve data set information from a catalog, and the operating system returned a nonzero return code. STROBE/ISPF cannot locate the data set named *dsname* in the system catalog.

System Action: STROBE/ISPF does not process the request.

User Response: Specify an existing cataloged data set name.

STR7116E INVALID DATA SET NAME. A SYNTAX ERROR EXISTS IN THE DSNAME *dsname*

Explanation: The operating system returned a return code of 20 (severe error) while attempting to retrieve information from a catalog by *dsname*. You specified an invalid data set name.

System Action: STROBE/ISPF does not allocate the data set.

User Response: Specify a fully qualified data set name.

STR7117E I/O ERROR ON CATALOG. AN I/O ERROR WAS ENCOUNTERED ATTEMPTING TO LOCATE *dsname*

Explanation: The operating system returned a return code of 24 while attempting to locate data set *dsname*. This is a permanent I/O error.

System Action: STROBE/ISPF does not process the request.

User Response: Notify the STROBE system programmer.

STR7120E CICS/IMS NOT ALLOWED. CICS AND IMS CANNOT BE SELECTED TOGETHER

Explanation: You cannot select both the CICS and the IMS subsystems. Overriding the CPS or Terminal Activity Report causes CICS to be invoked; leave these fields blank if you select IMS.

STROBE will automatically collect DBCTL activity in a CICS address space if both the STROBE CICS feature and the STROBE IMS feature are present. Do not specify "Y" in the IMS field.

System Action: STROBE/ISPF does not process the request.

User Response: Specify either CICS or IMS or use the system defaults.

STR7121E NOT ALLOWED WITH NATURAL. ADABAS AND NATURAL CANNOT BE SELECTED TOGETHER

Explanation: You cannot select both the ADABAS and NATURAL data collectors together.

System Action: STROBE/ISPF does not process the request.

User Response: Specify either ADABAS or NATURAL, or use the system defaults.

STR7122E ADABAS/ADA3GL CONFLICT. ADABAS AND ADA3GL CANNOT BE SELECTED TOGETHER

Explanation: You cannot select both the ADABAS and the ADA3GL data collectors together.

System Action: STROBE/ISPF does not process the request.

User Response: Specify either ADABAS or ADA3GL, or use the system defaults.

STR7123E SEL LIST NOT AVAILABLE. NO ACTIVE JOBS FOUND FOR THE SELECTED LIST TYPE

Explanation: On the LIMIT ACTIVE JOB LISTS panel you selected a TYPE for which STROBE/ISPF could find no active jobs.

System Action: STROBE/ISPF does not display the active job list.

User Response: Select another list type by entering "Y" to select the desired type on the LIMIT ACTIVE JOB LISTS panel. To view all active jobs, clear the JOBNAME field and press Enter.

STR7124E ENTER REQ NUM/JOBNAME. A REQUEST NUMBER OR A JOBNAME IS REQUIRED TO PROCESS THE REQUEST

Explanation: You selected an option on the BATCH-SUBMISSION LIST/DELETE REQUEST panel that requires either a request number or jobname, but neither has been specified.

System Action: STROBE/ISPF does not produce control statements for the LIST or DELETE operations.

User Response: Specify at least one request number or jobname in the REQUEST NUMBER or JOBNAME fields on this panel.

STR7128E INVALID DATE. DATE IS EITHER IN INVALID FORMAT, OR IT IS A FUTURE DATE

Explanation: You specified an invalid date in the STARTING DATE field. You cannot specify a future date, and you must specify the date in the correct format.

System Action: STROBE/ISPF does not process the request.

User Response: You cannot specify a future date. Enter the date in the format that the STROBE system programmer specified in the PARMLIB library when installing STROBE. If the STROBE system programmer did not change the specified date format, the default value is dd/mm/yyyy. The value for the day must be from 1 to 31, and the value for the month must be from 1 to 12.

STR7129E INVALID USERID. ENTER ALPHANUMERIC CHARACTERS, FIRST CHARACTER MUST NOT BE NUMERIC

Explanation: You specified an invalid user ID in the USERID field.

System Action: STROBE/ISPF does not allocate the data set.

User Response: Specify a valid user ID consisting of alphanumeric characters or the global search character "*". The first character must not be numeric.

STR7130E UNABLE TO LOCATE LOG. dsname IS PROBABLY DELETED OR UNCATALOGED

Explanation: STROBE/ISPF cannot locate the data set for the STROBE log. The STROBE log is either deleted or uncataloged.

System Action: STROBE/ISPF does not allocate the data set.

User Response: Notify the STROBE system programmer. There has probably been an installation error.

STR7131E INVALID SUPPRESS OPTION. SUPPRESS CANNOT BE COMBINED WITH OTHER ATTRIBUTION OPTIONS

Explanation: You specified "Y" in both the SUPPRESS field and in one or more of the SUPPRESS REPORTS fields.

The SUPPRESS option suppresses all attribution reports, and it cannot be combined with any other attribution options.

System Action: STROBE/ISPF does not process the Performance Profile request.

User Response: Select only the SUPPRESS option to suppress all attribution reports, or you can choose to suppress selected attribution reports.

STR7133I NO LOG MESSAGES SELECTED. NO LOG MESSAGES WERE FOUND WHICH MET THE SELECTION CRITERIA

Explanation: STROBE/ISPF did not find any messages meeting the selection criteria you specified. You may have specified conflicting or overly restrictive criteria.

System Action: STROBE/ISPF does not display messages from the STROBE log.

User Response: Adjust the selection criteria or clear all criteria fields to view the entire STROBE log.

STR7134E SUPPRESS OR CONDENSE. A CONDENSE PERCENTAGE CANNOT BE SPECIFIED WITH THE SUPPRESS OPTION

Explanation: You specified "Y" in the SUPPRESS field and entered a baseline percentage in the BELOW% field.

System Action: STROBE/ISPF does not process the Performance Profile request.

User Response: Enter a baseline percentage or select the SUPPRESS option for these reports.

STR7135E UNABLE TO OPEN DATA SET. UNABLE TO OPEN *dsname*

Explanation: You specified a function that requires an open data set.

System Action: STROBE/ISPF cannot open the data set *dsname*.

User Response: Notify the STROBE system programmer.

STR7136E UNABLE TO OPEN DATA SET. UNABLE TO OPEN LOG DATA SET

Explanation: You attempted to view messages with the .CVM command, with Option L from the STROBE OPTIONS menu, or when STROBE returns multiple messages.

System Action: STROBE/ISPF cannot open a temporary data set in which to display the STROBE messages.

User Response: Notify the STROBE system programmer.

STR7137I NO SSMF MESSAGES. THERE ARE NO SSMF MESSAGES TO DISPLAY

Explanation: There are no messages from a component of STROBE, the STROBE session management facility.

System Action: STROBE/ISPF does not display SSMF messages.

User Response: None required.

STR7139E INVALID SVC NUMBER. SVC NUMBER SHOULD BE NUMERIC AND BETWEEN 0 AND 255

Explanation: You specified an invalid SVC number.

System Action: STROBE/ISPF does not process the request.

User Response: Enter a value between 0 and 255.

STR7140E SESSION NUM OUT OF RANGE. NUMBER OF SESSIONS MUST BE A NUMERIC VALUE FROM 1 TO 99

Explanation: You specified an invalid session number in the NUMBER OF SESSIONS field. This number determines how many separate sample data sets STROBE creates during the measurement request.

System Action: STROBE/ISPF does not process the request.

User Response: Specify a value from 1 to 99.

STR7141E INVALID RANGE. SVC RANGE MUST BE ASCENDING

Explanation: You entered a range of SVC numbers that is not in ascending order.

System Action: STROBE/ISPF does not process the request.

User Response: Enter the range in ascending order, separating the numbers with a hyphen.

STR7142E REQUEST NOT ADDED. 'ADD' REQUEST WAS NOT PROCESSED BY SSMF BECAUSE OF ERRORS

Explanation: A component of STROBE, the STROBE session management facility, detected errors in the Add Active or Add Queued request.

System Action: STROBE does not process the request.

User Response: Enter the .CVM command to display the error messages for the request. Correct the errors and resubmit the request.

STR7143E OPTION CODE NOT VALID. VALID CODES ARE 'V', 'C', 'P', 'G', 'Q', 'D', 'X', and 'B'

Explanation: You entered an invalid option code. The valid options are: "V" (view), "C" (change), "P" (Profile), "G" (default Profile), "Q" (Quit), "D" (delete request), "X" (delete request and associated data sets), and "B" (browse auto Profile).

System Action: STROBE/ISPF does not process the option.

User Response: Specify a valid option to the left of the appropriate request.

STR7144E OPTION NOT ALLOWED. THIS OPTION IS NOT ALLOWED FOR *status* REQUESTS

Explanation: You selected an option that is invalid for a request with the status *status*.

System Action: STROBE/ISPF does not process the option.

User Response: Specify a valid option to the left of the appropriate request.

STR7145E GRP SUBMIT UNSUCCESSFUL. SUBMIT FAILED FOR ONE OR MORE GROUP ELEMENTS

Explanation: One of the request groups that you selected on the REQUEST GROUP PROCESSING panel was not successfully submitted for processing. The line option for this request is highlighted.

System Action: STROBE does not add the elements of the group in which it detected errors.

User Response: Correct the error(s) and resubmit the group.

STR7146E NO SAMPLE DATA SET. MEASUREMENT TASK ERRORS - MESSAGES ARE IN THE STROBE LOG

Explanation: You selected a request with no associated sample data sets for Profile (P) or default Profile (G) processing. A sample data set is necessary to create a Performance Profile.

System Action: STROBE/ISPF does not process the Performance Profile request.

User Response: To determine why the sample data set was not allocated, view the measurement task messages for this request in the STROBE log.

STR7147E SAMPLE DATA SET IS OPEN. AN OPEN SAMPLE DATA SET CANNOT BE USED TO PRODUCE A PROFILE

Explanation: You submitted a request to produce a STROBE Performance Profile from an open sample data set. The sample data set must be closed before STROBE can produce a Performance Profile.

System Action: STROBE/ISPF does not process the Performance Profile request.

User Response: If the request is ACTIVE or SUSPENDED and the sample data set is open, select Option 3 (STATUS) to send a CHANGE command to close the sample data set.

STR7148I VERIFY CANCEL REQUEST. VERIFY THE CANCEL REQUEST - 'END' TO EXIT, 'ENTER' TO CONTINUE

Explanation: You issued an END command. STROBE/ISPF requires verification before it deletes the generated job stream.

System Action: STROBE/ISPF does not delete the job stream.

User Response: Press **End** to complete termination. STROBE/ISPF deletes all the generated job control statements.

Press **Enter** to continue with background processing.

STR7149E INVALID COMMAND. THE ABOVE IS AN INVALID SCROLLING COMMAND

Explanation: You entered an invalid scrolling command. Valid scrolling commands are a direction (up or down) and an amount (page, half, max, csr, data, or an integer between 0 and 9999) in the SCROLL or OPTION or COMMAND field.

System Action: STROBE/ISPF does not scroll for the selected value.

User Response: Enter a valid command on the OPTION/COMMAND line or in the SCROLL field.

STR7150E INVALID NUM OF SESSIONS. WHEN FINAL SESSION ACTION IS 'C', NUMBER OF SESSIONS MUST BE ONE

Explanation: If the final session action is "C" (continue), you must specify 1 in the NUMBER OF SESSIONS field.

System Action: STROBE/ISPF does not process the request.

User Response: Specify 1 in the NUMBER OF SESSIONS field or specify "Q" quit or "S" stop as the final session action.

STR7151E SELECT 'S' OR 'Q'. FINAL SESSION ACTION OF 'C' CANNOT BE SELECTED WITH CICS

Explanation: You specified a final session action of "C" (Continue) for a measurement session with CICS as a data collector.

You cannot specify a final session action of "C" if the CICS Performance Supplement is to be generated.

System Action: STROBE/ISPF does not process the request.

User Response: Specify "Q" (Quit) or "S" (Stop) in the FINAL SESSION ACTION field or use the DATA COLLECTORS panel to suppress CICS.

STR7152W NO FEATURES INSTALLED. UNABLE TO BUILD THE INSTALLED FEATURES TABLE - *program*

Explanation: STROBE/ISPF cannot locate any data collectors installed at your site, and it could not build a Features table for the DATA COLLECTORS panel. *program* identifies the program in which the error occurred.

System Action: STROBE processes the measurement request, but will gather no subsystem-specific data.

User Response: Notify the STROBE system programmer.

STR7154I REQUEST GENERATED. SELECT ANOTHER OPTION OR '7' TO PROCESS THE REQUEST

Explanation: You generated a Batch-Submission Add, Change, or List/Delete request.

System Action: STROBE/ISPF saves the control statement generated by the request in a data set until you submit the job. To submit the job use Option 7 on the BATCH-SUBMISSION OPTIONS panel.

User Response: Generate more requests and submit the stored control statements using Option 7 or cancel the batch-submission request by pressing **End**.

STR7156I USER DEFAULTS SAVED. USER SPECIFIED OPTIONS HAVE BEEN SAVED

Explanation: You changed your user defaults.

System Action: STROBE will use the new user default values for subsequent actions.

User Response: None required.

STR7157E INVALID SPECIFICATION. VALID OPTIONS ARE 'YES' OR 'NO'

Explanation: You entered an invalid response.

System Action: STROBE/ISPF does not process the request.

User Response: Enter "YES" or "NO".

STR7158E INVALID SPECIFICATION. VALID SPECIFICATIONS ARE 'W' OR 'N' OR BLANK

Explanation: You entered an invalid response.

System Action: STROBE/ISPF does not process the Performance Profile request.

User Response: Enter "W" for a wide report, "N" for a narrow report, or blank for your terminal's default format.

STR7159E LOG ALLOCATION ERROR. FREE FAILED FOR LOG DSN = *dsname*

Explanation: The STROBE log deallocation failed. The temporary data set remains allocated.

System Action: STROBE keeps the data set allocated, which may cause problems with further allocation requests.

User Response: If problems occur, notify the STROBE system programmer.

STR7160E DYNAMIC ALLOCATION ERROR. RC=*rc*; ERC/IRC=*erc/irc*; INPUT LOG DEALLOCATION FAILED

Explanation: The operating system returned a nonzero return code while attempting to deallocate the input browse log data set. The return code is *rc*, the error reason code is *erc*, and the information reason code is *irc*.

System Action: STROBE keeps the data set allocated, which may cause problems with further allocation requests.

User Response: Notify the STROBE system programmer.

STR7161E INVALID DATA SET. DATA SET ORGANIZATION MUST BE PHYSICAL SEQUENTIAL

Explanation: The organization of the data set is incorrect for this function. STROBE will not process a data set with a data set organization other than physical sequential.

System Action: STROBE does not process the data set.

User Response: Specify a data set with a data set organization of physical sequential.

STR7162E INVALID LOG DATA SET. DATA SET RECORD FORMAT MUST BE VBA

Explanation: The record format of the data set is incorrect for this function. STROBE will not process a data set with a record format other than VBA.

System Action: STROBE does not process the data set.

User Response: Specify a data set with a record format of VBA.

STR7163E INVALID LOG DATA SET. DATA SET RECORD LENGTH MUST BE 137

Explanation: The data set record length is incorrect. STROBE will not process a data set with a record length other than 137.

System Action: STROBE does not process the data set.

User Response: Specify a data set with a record length of 137.

STR7164E COMMAND NOT VALID. *option* NOT VALID ON 'CONFIRM PURGE OF DATA SET' PANEL

Explanation: You attempted to execute a STROBE command on the CONFIRM PURGE OF DATA SET panel. You cannot issue STROBE commands from this panel.

System Action: STROBE/ISPF does not process the command.

User Response: Proceed to the next panel to issue a STROBE command.

STR7165E INVALID DATA SET. DATA SET ORGANIZATION MUST BE PHYSICAL SEQUENTIAL OR PARTITIONED

Explanation: The organization of the data set is incorrect for this function. STROBE will not process a data set with a data set organization other than physical sequential or partitioned.

System Action: STROBE does not process the data set.

User Response: Specify a data set with a data set organization of physical sequential or partitioned.

STR7166E BROWSE DATA SET ERROR. BROWSE DATA SET DEALLOCATION FAILED

Explanation: You were browsing a data set allocated dynamically by STROBE/ISPF. The deallocation of the data set failed.

System Action: STROBE/ISPF may not be able to allocate another data set of the same type.

User Response: If problems occur, notify the STROBE system programmer.

STR7167E BROWSE DATA SET ERROR. BROWSE DATA SET ALLOCATION FAILED

Explanation: You attempted to browse a data set but the data set allocation failed.

System Action: STROBE could not allocate the browse output data set and could not complete the browse function.

User Response: Notify the STROBE system programmer.

STR7168E START/END DATE ERROR. START DATE CANNOT BE GREATER THAN END DATE

Explanation: You specified a starting date that is later than the ending date.

System Action: STROBE/ISPF does not process the request.

User Response: Enter dates with a valid range.

STR7169E UNABLE TO OPEN DATA SET. UNABLE TO OPEN OUTPUT DATA SET

Explanation: You specified a function that requires an open data set.

System Action: STROBE is unable to open the output data set.

User Response: Notify the STROBE system programmer.

STR7170E INVALID COMBINATION. DATA SET NAMES CANNOT BE BOTH SPECIFIED AND SELECTED

Explanation: You entered a name of a data set for the STROBE log and also selected a name of a data set from the list of names.

System Action: STROBE/ISPF does not display messages from the STROBE log.

User Response: If you select from the list, clear the data set name field. If you enter the name of a data set, do not select a name from the list.

STR7171E INDICATE LOG DATA SETS. INDICATE LOG DATA SETS OR END TO EXIT

Explanation: You pressed **Enter** without first selecting or entering the name of a data set for the STROBE log.

System Action: STROBE/ISPF does not display messages from the STROBE log.

User Response: To specify a log data set, either enter the log data set name or select the name from the list of names and then press **Enter**. If you do not wish to specify a log data set, enter **End** to cancel.

STR7173E MEMORY SHORTAGE. STROBE/ISPF COULD NOT GET MEMORY NEEDED FOR FUNCTION

Explanation: You specified a function that requires an internal table.

System Action: STROBE/ISPF could not build an internal table because sufficient virtual storage was not available.

User Response: Allocate more storage or notify the STROBE system programmer.

STR7175E DYNAMIC ALLOCATION ERROR. RC=*rc*; ERC/IRC=*erc/irc*; OUTPUT LOG DEALLOCATION FAILED

Explanation: The operating system returned a non-zero return code while attempting to deallocate the output log data set. The return code is *rc*, the error reason code is *erc*, and the information reason code is *irc*.

System Action: STROBE keeps the data set allocated, which may cause problems with further allocation requests.

User Response: Notify the STROBE system programmer.

STR7176E DATA SET NAME REQUIRED. A DATA SET NAME MUST BE SPECIFIED WHEN OPTION 'C' IS SELECTED

Explanation: You selected "C" the copy option from the STROBE-LOG UTILITIES panel, but you did not specify a destination data set name.

System Action: STROBE/ISPF does not process the request.

User Response: Specify the data set name to which you will copy.

STR7177E INVALID FUNCTION. THE VALID FUNCTIONS ARE 'B', 'P', OR 'C'

Explanation: The function you specified is invalid.

System Action: STROBE/ISPF does not process the option.

User Response: Specify either "B" (browse), "P" (print), or "C" (copy).

STR7178E INVALID DISPOSITION. THE VALID COPY DATA SET DISPOSITIONS ARE 'CATLG' AND 'KEEP'

Explanation: The disposition that you entered in the DISP field is invalid. The valid dispositions are "CATLG" or "KEEP".

System Action: STROBE/ISPF does not allocate the data set.

User Response: Enter either "CATLG" or "KEEP".

STR7179E VOLUME NOT SUPPLIED. VOLUME MUST BE SUPPLIED WITH DISPOSITION OF 'KEEP'

Explanation: You entered a disposition of "KEEP" in the DISP field without specifying a volume.

System Action: STROBE/ISPF does not allocate the data set.

User Response: Specify a volume or change the disposition to "CATLG".

STR7180E INVALID SPECIFICATION. VALID OPTIONS ARE 'Y', 'N', OR BLANK

Explanation: The selection you entered is invalid.

System Action: STROBE/ISPF does not process the option.

User Response: Enter either "Y" or "N", or clear the field.

STR7181E INVALID NAME. ENTER VALID JOBNAME, USERID, STARTED TASK, OR BLANKS

Explanation: You specified the JOBNAME field incorrectly.

System Action: STROBE/ISPF does not process the request.

User Response: Specify a job name with from one to eight alphanumeric or national characters. The first character must be alphabetic or national. The three national characters are @ # \$.

STR7182I COPY LOG COMPLETED. LOG EXTRACTS COPIED INTO DATA SET *dsname*

Explanation: STROBE successfully copied the specified portions of the STROBE log to data set *dsname*.

System Action: STROBE continues processing.

User Response: None required.

STR7183E PRINT ALLOCATION FAILED. DYNAMIC ALLOCATION ERROR; RC=*rc* ERC/*IRC*=*erc*/*irc*

Explanation: The operating system returned a nonzero return code while attempting to allocate the print file. The return code is *rc*, the error reason code is *erc*, and the information reason code is *irc*.

System Action: STROBE/ISPF does not allocate the data set.

User Response: Notify the STROBE system programmer.

STR7184E INVALID PRINT CLASS. PRINT CLASS *prntclass* INVALID; MUST BE ALPHANUMERIC

Explanation: The print class you coded is not alphabetic (A through Z) or numeric (0 through 9).

System Action: STROBE/ISPF does not print messages from the STROBE log.

User Response: Enter a valid print class.

STR7185I NO JOBS WITH LIST LIMITS. NO ACTIVE JOBS MATCH LIST LIMITS

Explanation: You specified list limits for the active job list.

System Action: No active jobs match the active job listing criteria that you specified.

User Response: If the jobs you want to measure are excluded, specify broader limits for the job list.

STR7186I PRINT LOG COMPLETED. LOG EXTRACT PRINTED TO OUTPUT CLASS *outputclass*

Explanation: You requested STROBE/ISPF to print messages from the STROBE log.

System Action: STROBE successfully printed the specified portions of the STROBE log to output class *outputclass*.

User Response: You can review the messages in the output class you specified.

STR7187E NO TYPES SELECTED. AT LEAST ONE ACTIVE TYPE MUST BE SELECTED

Explanation: You did not specify a type of address space for the active job list.

System Action: STROBE/ISPF does not display the active job list.

User Response: To select types of address spaces, enter "Y" next to one or more of the selection types.

STR7188E INVALID CHARACTER FOUND. 'A' OR 'D' EXPECTED

Explanation: You entered an invalid character for a sort sequence.

System Action: STROBE/ISPF does not process the request.

User Response: Enter either "A" for ascending or "D" for descending.

STR7190E INVALID RETENTION PERIOD. RETENTION PERIOD MUST BE A NUMBER BETWEEN 0 AND 999

Explanation: You entered an invalid retention period.

System Action: STROBE/ISPF does not process the request.

User Response: Enter a value between 0 and 999.

STR7191E INVALID SMS CLASS. YOUR SMS CLASS SPECIFICATION IS SYNTACTICALLY INCORRECT

Explanation: You entered invalid characters in one of the SMS CLASS fields.

System Action: STROBE/ISPF does not process the request.

User Response: Specify a valid Storage Management Subsystem (SMS) class, and resubmit the request.

STR7192E INVALID NUMBER. NUMBER SHOULD BE IN THE RANGE 1 - 12

Explanation: You entered an invalid number for display order or sort column.

System Action: STROBE/ISPF does not display the active job list.

User Response: Enter a number in the range of 1 to 12.

STR7193E ALREADY SPECIFIED. THIS VALUE HAS ALREADY BEEN SPECIFIED IN THIS COLUMN

Explanation: The value you entered for display order or sort column is a duplicate of a value already entered.

System Action: STROBE/ISPF does not display the active job list.

User Response: Enter a unique number in the range of 1 to 12.

STR7194E INVALID CHARACTERISTICS. MAP DATA SET RECORD LENGTH MUST BE 36, FORMAT MUST BE FB

Explanation: You specified a partitioned data set with incorrect map data set record length or record format.

System Action: STROBE/ISPF does not process the Indexer request.

User Response: Specify a partitioned data set with a record length of 36 and a record format of FB or choose a sequential data set.

STR7195E UNIT IS INVALID. VALID UNIT IS 1 TO 8 ALPHANUMERIC, SPECIAL OR NATIONAL CHARACTERS

Explanation: You specified an invalid unit parameter in the UNIT field.

System Action: STROBE/ISPF does not process the request.

User Response: Specify a valid unit parameter. It must be from 1 to 8 alphanumeric, special, or national characters. The three national characters are @ # \$. The eleven special characters are blank, . /) (' * & = +.

STR7196E LOG RECORD IS TOO LONG. LENGTH OF LOG RECORD EXCEEDS THE CAPACITY OF THE RESERVED BUFFER

Explanation: The message in the STROBE log exceeds the maximum limit of 255 characters.

System Action: STROBE/ISPF does not display the message in the STROBE log.

User Response: Notify the STROBE system programmer.

STR7197E INVALID SORT COLUMN. SORT COLUMN MUST BE IN THE RANGE 1 - 4

Explanation: At the STROBE - REQUEST GROUP SORT panel, you specified an invalid value in one of the SORT COLUMN fields. Values must be in the range 1 - 4 for general users.

System Action: STROBE does not process the request.

User Response: Enter only valid values (1 - 4) in the SORT COLUMN fields.

STR7198E INVALID DATE SPECIFIED. THE DATE MUST BE GREATER THAN OR EQUAL TO THE CURRENT DATE

Explanation: You entered an invalid date in the schedule for a measurement request or a request group. When you create a schedule, the start date and the end date of the schedule must be either the current date or a future date.

System Action: STROBE/ISPF does not process the request.

User Response: Specify a valid date in the STARTING DATE or the ENDING DATE field on the REQUEST SCHEDULER panel.

STR7199E INVALID OPTION. EXPECTED 'A' OR 'E'

Explanation: You specified an invalid option while customizing a measurement request or a request group schedule.

System Action: STROBE/ISPF does not process the request.

User Response: In the OPT field on the REQUEST SCHEDULER panel, specify either "A" to add a specific date to the schedule, or "E" to exclude a specific date.

STR7200E INVALID SCHEDULE. A REQ OR REQ GROUP CANNOT BE SCHEDULED BEYOND A YEAR FROM TODAY

Explanation: You attempted to schedule a measurement request element or a request group for more than one year in the future from today's date.

System Action: STROBE/ISPF does not process the request.

User Response: On the REQUEST SCHEDULER panel, ensure that the values in the STARTING DATE and ENDING DATE fields represent a time period of one year or less from today's date, or specify a value in the NUMBER OF WEEKS field that is one year or less from today's date.

STR7201E NO DAY OF WEEK SELECTED. AT LEAST ONE DAY OF THE WEEK MUST BE SELECTED

Explanation: You attempted to schedule a measurement request or a request group but did not specify the days of the week on which you want the measurement session initiated.

System Action: STROBE/ISPF does not process the request.

User Response: Enter a "Y" in the field under one or more of the days shown near the top of the REQUEST SCHEDULER panel, or create a customized list by completing the bottom portion of the panel.

STR7203E DUPLICATE DATE SPECIFIED. THIS DATE AND TIME HAS ALREADY BEEN GENERATED IN THE WEEKLY LIST

Explanation: You attempted to add an individual date to the weekly schedule for a measurement request or a request group. The date you specified, however, is already included in the weekly schedule.

System Action: STROBE/ISPF does not process the request.

User Response: Ensure that the individual date is not included in the weekly schedule designated in the top section of the REQUEST SCHEDULER panel.

STR7204E DATE/TIME DOES NOT EXIST. THIS DATE AND TIME DOES NOT EXIST IN THE GENERATED WEEKLY LIST

Explanation: You attempted to exclude an individual date from the weekly schedule for a measurement request or a request group. The date and time you specified, however, does not exist in the weekly schedule.

System Action: STROBE/ISPF does not process the request.

User Response: Ensure that the individual date is included in the weekly schedule designated in the top section of the REQUEST SCHEDULER panel.

STR7205E CANNOT BUILD ADD COMMAND. NEED TO INCREASE REGION MEMORY SIZE ALLOCATED FOR THE PROGRAM

Explanation: The ADD command that you are trying to create is too large for the region size that is set.

System Action: STROBE/ISPF does not process the request.

User Response: Logoff, increase your TSO region size and resubmit the request.

STR7206E DUPLICATE START TIME. THIS TIME HAS ALREADY BEEN SPECIFIED. DUPLICATES ARE NOT PERMITTED

Explanation: You specified a duplicate starting time for a scheduled measurement request or a request group.

System Action: STROBE/ISPF does not process the request.

User Response: Ensure that the times you have specified in the STARTING TIME(s) field of the REQUEST SCHEDULER panel are unique.

STR7207E DUPLICATE ENTRY. THIS ENTRY HAS ALREADY BEEN SPECIFIED. DUPLICATES ARE NOT PERMITTED

Explanation: You specified an individual date for a measurement request or a request group that is already included in the list of scheduled dates.

System Action: STROBE/ISPF does not add the duplicate entry.

User Response: Ensure that the dates and times you specified in the list of individual dates at the bottom of the REQUEST SCHEDULER panel are unique.

STR7208S TOO MANY ENTRIES. NUMBER OF UNIQUE DATES > STROBE/ISPF LIMIT (12). OPTION UNAVAILABLE

Explanation: You are attempting to change the schedule for a request that has more than 12 dates on the bottom of the REQUEST SCHEDULER panel. This will result in a loss of data.

System Action: STROBE/ISPF does not allow you to access the REQUEST SCHEDULER panel.

User Response: To change the schedule, use the STROBE Command interface or APMpower. If you created the schedule with the STROBE Command interface, you must change it using the STROBE Command interface. If you created the schedule with APMpower, you must change it through APMpower.

STR7209E INVALID OPTION. VALID ENTRIES ARE 'A' OR BLANK

Explanation: You excluded an individual date from the weekly schedule for a measurement request or a request group. However, no weekly schedule is specified.

System Action: STROBE/ISPF does not process the request.

User Response: Enter an "A" in the OPT field at the bottom of the REQUEST SCHEDULER panel to add an individual schedule date, or create a weekly schedule.

STR7210E INVALID RETRY INTERVAL. RETRY INTERVAL MUST BE IN THE RANGE OF 0 - 60

Explanation: You specified a retry interval for an Add Active measurement request or a request group. However, the value you specified in the RETRY INTERVAL field is invalid. This field represents the time interval, in minutes, that STROBE waits to resubmit the request.

System Action: STROBE/ISPF does not process the request.

User Response: Enter a value in the range of 0 - 60 in the RETRY INTERVAL field of the REQUEST SCHEDULER panel.

STR7211E INVALID TIME SPECIFIED. HOUR RANGE MUST BE 0 - 23 / MINUTE RANGE MUST BE 0 - 59

Explanation: While creating the schedule for a measurement request or a request group, you specified an invalid time either in the weekly schedule or the list of individual dates and times.

System Action: STROBE/ISPF does not process the request.

User Response: Ensure that the hour and minute values that you entered on the REQUEST SCHEDULER panel are valid.

STR7212E NUM WEEKS/END DATE ERROR. SPECIFY EITHER THE NUMBER OF WEEKS OR THE END DATE; NOT BOTH

Explanation: While creating the schedule for a measurement request or a request group, you specified both the end date and the number of weeks.

System Action: STROBE/ISPF does not process the request.

User Response: Specify either an ending date or the number of weeks but not both.

STR7213E INVALID ENTRY. THIS FIELD MUST BE BLANK IF NO WEEKDAY IS SELECTED

Explanation: You specified a value in one of the scheduling fields on the REQUEST SCHEDULER panel, but did not specify a day of the week on which the schedule will run.

System Action: STROBE/ISPF does not process the request.

User Response: Enter a "Y" in one or more of the weekday fields shown near the top of the REQUEST SCHEDULER panel.

STR7214E START TIME NOT SPECIFIED. AT LEAST ONE START TIME MUST BE SPECIFIED

Explanation: You attempted to schedule a measurement request or a request group but did not specify the time at which you want the measurement session initiated.

System Action: STROBE/ISPF does not process the request.

User Response: Enter at least one time in the STARTING TIME(s) field shown near the top of the REQUEST SCHEDULER panel.

STR7215E START DATE NOT SPECIFIED. START DATE MUST BE SPECIFIED

Explanation: You specified a day or days of the week on which to schedule a measurement request or a request group but did not specify the date on which you want the schedule to begin.

System Action: STROBE/ISPF does not process the request.

User Response: Enter a date in the STARTING DATE field shown near the top of the REQUEST SCHEDULER panel.

STR7216E INVALID DATE FORMAT. MONTH: 1-12 / DAY: DEPENDS ON MONTH / YEAR: UP TO 1 YEAR FROM TODAY

Explanation: While creating a schedule for a measurement request or a request group, you specified an unacceptable value in a date field.

System Action: STROBE/ISPF does not process the request.

User Response: Ensure that the month, day, and year values that you entered are valid. The date must be in the format that the STROBE system programmer specified in the PARMLIB

library when installing STROBE. If the STROBE system programmer did not change the specified date format, the default value is dd/mm/yyyy.

STR7217E NUM OF WEEKS NOT ENTERED. EITHER THE NUMBER OF WEEKS OR AN END DATE MUST BE SPECIFIED

Explanation: You attempted to schedule a measurement request or a request group but did not specify either the number of weeks or the ending date.

System Action: STROBE/ISPF does not process the request.

User Response: Enter a date in the ENDING DATE field or enter a value in the NUMBER OF WEEKS field that is one year or less from today's date.

STR7218E INVALID NUMBER OF WEEKS. NUMBER OF WEEKS MUST BE IN THE RANGE 1 - 52

Explanation: While creating the schedule for a measurement request or a request group, you specified an invalid number in the NUMBER OF WEEKS fields of the REQUEST SCHEDULER panel.

System Action: STROBE/ISPF does not process the request.

User Response: Enter a value in the NUMBER OF WEEKS field that is one year or less from today's date.

STR7219E INVALID RETRY ATTEMPTS. RETRY ATTEMPTS MUST BE IN THE RANGE OF 0 - 24

Explanation: You specified an invalid entry in the RETRY ATTEMPTS field. This field represents the number of attempts that STROBE will make to resubmit the request.

System Action: STROBE/ISPF does not process the request.

User Response: Enter a value in the range of 0 - 24 in the RETRY ATTEMPTS field of the REQUEST SCHEDULER panel.

STR7220E INPUT REQUIRED. ENTER DATA ON THE PANEL OR PRESS END TO CANCEL

Explanation: You did not specify required data on the panel.

System Action: STROBE/ISPF does not process the request.

User Response: Enter data or press **End** to exit the panel.

STR7221I NO SYSTEMS AVAILABLE. NO SYSTEMS CAN BE FOUND IN THE SYSPLEX

Explanation: On the ADD ACTIVE or ADD QUEUED panel, you attempted to list all the systems in the sysplex by leaving the SYSTEM field blank. STROBE, however, found no systems in the sysplex.

System Action: STROBE/ISPF does not process the request.

User Response: Notify the STROBE system programmer. The system programmer can check the STROBE-XCF group to ensure that it is set up correctly.

STR7222E NO SCHEDULE GENERATED. THERE ARE NO DATE AND TIME ENTRIES IN THE SCHEDULE

Explanation: You excluded all dates from the weekly schedule.

System Action: STROBE/ISPF does not process the request.

User Response: If you wish to create a schedule for the measurement request or the request group, complete the REQUEST SCHEDULER panel according to the instructions in Chapter 2 of the *STROBE MVS User's Guide with Advanced Session Management*.

STR7223E INVALID SYSTEM NAME. ENTER UP TO 8 ALPHANUMERIC CHARACTERS

Explanation: You have entered an invalid system name in the SYSTEM field.

System Action: STROBE does not process the request.

User Response: Enter up to 8 alphanumeric characters in the SYSTEM field.

STR7224E INVALID DAY(S) AND DATES. THE SELECTED DAYS OF THE WEEK ARE NOT IN THE SPECIFIED DATE RANGE

Explanation: While creating the schedule for a measurement request or a request group, you selected a weekday that is not within the range specified by the STARTING DATE and ENDING DATE fields on the REQUEST SCHEDULER panel.

System Action: STROBE/ISPF does not process the request.

User Response: Review your selections and adjust either your weekday selection or the date range specified by the STARTING DATE and ENDING DATE fields.

STR7225I GROUP SUBMIT SUCCESSFUL. GROUP SUBMIT(S) SUCCESSFUL

Explanation: All the request groups that you selected on the REQUEST GROUP PROCESSING panel have been submitted for processing.

System Action: STROBE continues processing.

User Response: None required, though to verify that all the request groups were processed, refer to the STROBE log. If the request group was submitted with a schedule, check the STROBE log data set after the scheduled date and time.

STR7226E INVALID STEP NAME. ENTER A VALID STEP OR STEP.PROCSTEP NAME

Explanation: You entered an invalid step name in the STEP field on the ADD QUEUED REQUEST panel or on the ADD QUEUED REQUEST - MULTIPLE STEPS panel.

System Action: STROBE/ISPF does not accept the value that you entered in this field.

User Response: Enter a valid name.

STR7227E INVALID STEP NUMBER. ENTER VALID STEP NUMBER (1-255) OR RANGE (XXX-YYY) WHERE YYY > XXX

Explanation: You entered an invalid step number on the ADD QUEUED REQUEST - MULTIPLE STEPS panel.

System Action: STROBE/ISPF does not process the request.

User Response: Enter a valid number or range of numbers.

STR7228E INVALID START TIME. START TIME MUST BE AT LEAST 3 MINUTES LATER THAN THE CURRENT TIME

Explanation: The start time that you entered is not at least 3 minutes later than the current time. When you are creating a schedule for a measurement request or a request group, the start time of the schedule must be at least 3 minutes later than the current time.

System Action: STROBE/ISPF does not process the request.

User Response: Specify a valid time in the STARTING TIME field on the REQUEST SCHEDULER panel.

STR7229W CON SET ERROR - ENTER HELP. CONCURRENT SET ERROR - NEW OWNER MUST EDIT GROUP *groupname*

Explanation: There is an error in the concurrent set in group *groupname*, and the owner specified by the group's owner must edit the group to correct the error. The error can be: there is no trigger request, there is more than one trigger request, or there are no related requests.

System Action: STROBE continues processing.

User Response: The owner specified by the group's owner must edit the group to correct the error.

STR7230W GROUP WILL BE DELETED. 'ENTER' TO DELETE ALL ELEMENTS AND THE GROUP OR 'END' TO CANCEL

Explanation: On the REQUEST GROUP ELEMENTS panel, you specified that one or more request group elements be deleted. Because you are deleting all the elements in the request group, the request group itself will also be deleted.

System Action: STROBE/ISPF will delete both the request group elements and the request group.

User Response: To delete both the request group elements and the request group, press **Enter**. Otherwise, press **End** to exit the panel without making any changes.

STR72311 NO GROUPS FOUND. NO GROUPS HAVE BEEN CREATED

Explanation: STROBE/ISPF displays this message when you select Option G (REQUEST GROUPS) from the STROBE OPTIONS menu or select SAVE REQUEST IN A GROUP from the ADD QUEUED REQUEST panel or the ADD ACTIVE REQUEST panel, but you have not yet created any groups.

System Action: STROBE continues processing.

User Response: Enter the name of a new group to create a group or press **End** to return to the previous panel.

STR7232E INVALID GROUP NAME. CHECK THE SPECIFICATION IN THE GROUP NAME FIELD

Explanation: The value that you specified in the GROUP NAME field on the REQUEST GROUP PROCESSING panel or the SAVE REQUEST IN GROUP panel is invalid.

System Action: STROBE does not create the request group.

User Response: Enter an acceptable value in the GROUP NAME field. Valid entries cannot exceed 18 characters in length and can not include embedded blanks.

STR7233E INVALID LINE OPTION. VALID OPTIONS ARE 'C', 'D', 'E', 'L', 'U', AND 'T'

Explanation: You specified an invalid line option in the OPTION column of the REQUEST GROUP PROCESSING panel. Valid options are "C" (copy), "D" (delete), "E" (edit), "L" (list), "U" (submit), "T" (submit with schedule).

System Action: STROBE/ISPF does not process the request.

User Response: Specify one of the valid options in the OPTION column.

STR7234E DUPLICATE GROUP NAME. THE SPECIFIED GROUP NAME ALREADY EXISTS

Explanation: You attempted to create a new request group or save a request in a new group. However, a request group already exists with the name you specified.

System Action: STROBE/ISPF does not process the request.

User Response: Choose a unique name for the request group.

STR7235E PROCESSING CONFLICT. YOU CANNOT ENTER A NEW GROUP AND USE LINE OPTIONS AT THE SAME TIME

Explanation: You attempted to create a new request group or save a request in a new group. However, you also entered one or more of the line options in the OPTION column on the panel.

System Action: STROBE/ISPF does not create the request group.

User Response: Either enter a group name or enter a line option in the OPTION column, but do not enter both.

STR7236E GROUP NOT CREATED. THE SPECIFIED GROUP HAS NOT BEEN CREATED - NO ELEMENTS WERE ADDED

Explanation: You attempted to create a new request group on the REQUEST GROUP PROCESSING panel, but you did not create any request group elements for the group.

System Action: STROBE/ISPF does not create the request group. Request groups must have at least one request group element to be saved.

User Response: Attempt to create the request group again, ensuring that you have created at least one request group element for the group by entering "A" or "Q" on the option line of the REQUEST GROUP ELEMENTS panel and completing the subsequent panel. If you specify "A", the subsequent panel is the CREATE AN 'ADD ACTIVE' ELEMENT panel. If you specify "Q", the subsequent panel is the CREATE AN 'ADD QUEUED' ELEMENT panel.

STR7237E CONCURRENT SET ERROR. EXACTLY ONE TRIGGER MUST BE SPECIFIED FOR SET *concurrent*

Explanation: You have more than one trigger request in a concurrent set. The concurrent set name is identified by *concurrent*.

System Action: STROBE/ISPF does not allow you to exit the REQUEST GROUP ELEMENTS panel without correcting the problem.

User Response: Specify only one request group element as the trigger request for the concurrent set.

STR7238E CONCURRENT SET ERROR. AT LEAST ONE NON-TRIGGER MUST BE SPECIFIED FOR SET *concurrent*

Explanation: You do not have a non-trigger (related) request in the concurrent set. The concurrent set name is identified by *concurrent*.

System Action: STROBE/ISPF does not allow you to exit the REQUEST GROUP ELEMENTS panel without correcting the problem.

User Response: Specify at least one request group element as a related request for the concurrent set.

STR7239I GROUP [MERGED |DELETED|COPIED|EDITED|CREATED] GROUP(S) [MERGED INTO EXISTING GROUP: *groupname*| DELETED|COPIED INTO NEW GROUP: *groupname*|EDITED| CREATED: *groupname*]

Explanation: The group was either merged or copied into *groupname*, was edited or deleted entirely, or was created with the name *groupname*, dependent upon your request.

System Action: STROBE/ISPF successfully processed the request.

User Response: None required.

STR7240E CAN NOT CHANGE THRU ISPF. APMPOWER SCHEDS MUST BE CHANGED IN APMPOWER: USE 'VIEW' TO BROWSE

Explanation: You tried to modify a schedule that was created using APMpower. You cannot modify this schedule using STROBE/ISPF. You must use APMpower to modify the schedule.

System Action: STROBE does not allow you to access the STROBE - REQUEST SCHEDULER panel.

User Response: You must use APMpower to modify the schedule. However, you can browse the schedule using the "VIEW" option from the STROBE STATUS panel.

STR7241I ELEMENT ADDED. AN ELEMENT HAS BEEN ADDED TO GROUP: *groupname*

Explanation: You added a request group element to request group *groupname* from:

- the CREATE AN 'ADD ACTIVE' ELEMENT panel or
- the CREATE AN 'ADD QUEUED' ELEMENT panel

System Action: STROBE/ISPF adds the request group element to the request group and continues processing.

User Response: None required.

STR7242I ELEMENT EDITED. AN ELEMENT HAS BEEN MODIFIED IN GROUP: *groupname*

Explanation: You edited a request group element in request group *groupname* from either the EDIT AN 'ADD ACTIVE' ELEMENT panel or the EDIT AN 'ADD QUEUED' ELEMENT panel.

System Action: STROBE/ISPF modifies the request group element.

User Response: None required.

STR7243E INVALID LINE OPTION. VALID OPTIONS ARE 'C', 'D', 'E', AND 'V'

Explanation: You specified an invalid line option in the OPT column of the REQUEST GROUP ELEMENTS panel. Valid options are "C" (copy), "D" (delete), "E" (edit), and "V" (view).

System Action: STROBE/ISPF does not process the selection.

User Response: Specify one of the valid line options in the OPT column.

STR7244E INVALID LINE OPTION. VALID OPTIONS ARE 'S' AND 'L'

Explanation: You specified an invalid line option in the OPTION column of the SAVE REQUEST IN A GROUP panel. Valid options are "S" (save) and "L" (list).

System Action: STROBE/ISPF does not process the request.

User Response: Specify one of the valid line options in the OPTION column.

STR7246W SCHEDULE WILL BE REMOVED. THE SCHEDULE WILL BE REMOVED FROM REQUEST BEING SAVED INTO A GROUP

Explanation: You specified a "Y" in the SAVE REQUEST IN GROUP field of the ADD ACTIVE REQUEST or the ADD QUEUED REQUEST panel. However, you also specified that this request be submitted with a schedule.

System Action: STROBE/ISPF submits the request with the schedule, but removes the schedule from the request before saving it into the request group. The request being saved into the request group will not retain the schedule.

User Response: None required.

STR7247E INVALID CONCURRENT NAME. 'SCHEDULE' CAN NOT BE USED AS THE CONCURRENT SET NAME

Explanation: "SCHEDULE", the value that you specified in the CONCURRENT SET NAME field of the CONCURRENT REQUEST panel, is invalid.

System Action: STROBE does not create the concurrent set.

User Response: Enter an acceptable value in the CONCURRENT SET NAME field. Valid entries cannot exceed 8 characters in length. Note that the word SCHEDULE is not a valid name for a concurrent set.

STR7248E INVALID CONCURRENT NAME. CHECK THE SPECIFICATION IN THE CONCURRENT SET NAME FIELD

Explanation: The value that you specified in the CONCURRENT SET NAME field of the CONCURRENT REQUEST panel is invalid.

System Action: STROBE does not create the concurrent set.

User Response: Enter an acceptable value in the CONCURRENT SET NAME field. Valid entries cannot exceed 8 characters in length.

STR7249E INVALID LINE OPTION. 'V' IS THE ONLY VALID LINE OPTION

Explanation: You specified an invalid line option in the OPT column of the LIST GROUP ELEMENTS panel. The only valid line option on this panel is "V" (view).

System Action: STROBE/ISPF does not process the request.

User Response: Specify "V" in the OPT column.

STR7250E GROUP INVALID - ENTER HELP. CONCURRENT SET ERROR. EDIT GROUP *groupname* OWNER *ownerid*

Explanation: There is an error in a concurrent set within group *groupname* with owner *ownerid*. Either there is more than one trigger, there is no trigger, or there are no related (non-trigger) requests.

System Action: STROBE/ISPF does not allow you to exit the REQUEST GROUP PROCESSING panel without correcting the problem.

User Response: Edit the group identified by *groupname* and owner *ownerid*. Specify only one request group element as the trigger request for the concurrent set and specify at least one request group element as a related (non-trigger) request for the concurrent set.

STR7251E SYSTEM NAME NOT FOUND. SYSTEM IS NOT A GROUP MEMBER

Explanation: The value that you specified on the SYSTEM field is not the name of an existing member of the STROBE-XCF group. Either the system is not included in the installation's sysplex definition, or the system is defined to the sysplex, but the correct version of STROBE was not started on the system.

System Action: STROBE does not process the request.

User Response: Enter a valid system name. To find the system names in the sysplex, leave the SYSTEM field blank and press **Enter**.

STR7252E MORE THAN ONE SELECTED. SELECT ONLY ONE SYSTEM

Explanation: You selected more than one system on the SYSTEM SELECTION LIST panel for an Add Active request.

System Action: STROBE does not process the request.

User Response: Resubmit the request and specify only one system.

STR7253E S AND E CONFLICT. 'S' AND 'E' ARE MUTUALLY EXCLUSIVE: REMOVE ONE FROM THE PANEL

Explanation: You cannot choose "S" (select) and "E" (exclude) at the same time.

System Action: STROBE does not process the request.

User Response: Choose either "S" or "E" (but not both) or press **End** to exit the panel.

STR7254E NO SELECTION MADE. MAKE A SELECTION OR PRESS END TO EXIT

Explanation: You did not select an option from the SYSTEM SELECTION LIST panel.

System Action: STROBE does not process the request.

User Response: Choose an option or press **End** to exit the panel.

STR7255W ONLY 1ST 40 WILL BE KEPT. MORE THAN 40 ENTRIES SELECTED, ONLY FIRST 40 KEPT AS DEFAULT VALUES

Explanation: You selected "S" or excluded "E" more than 40 entries on the SYSTEM SELECTION LIST panel.

System Action: Although STROBE displays more than 40 systems, it will save only 40 values.

User Response: None required.

STR7256E INVALID SYSTEM NAME. ENTER UP TO 8 ALPHANUMERIC CHARACTERS, THE 1ST CANNOT BE NUMERIC

Explanation: The system name that you specified is invalid.

System Action: STROBE does not process the request.

User Response: Enter a valid system name. The system name can be up to 8 alphanumeric or national characters, and the first character cannot be numeric.

STR7257E *LIST NOT ACCEPTED. CLEAR THE FIELD & PRESS ENTER TO SELECT A LIST FROM THE NEXT SCREEN

Explanation: STROBE was not able to find the list that the *LIST value represented.

System Action: STROBE does not process the request.

User Response: Clear the SYSTEM field on the ADD QUEUED REQUEST panel and press **Enter** to access the SYSTEM SELECTION LIST panel. Indicate the systems on which you want to run the measurement, either by entering "S" for select, or from which you want to exclude measurement, by entering "E" for exclude.

STR7258E *LIST NOT ACCEPTED. CLEAR PGM & STEP FIELDS, PRESS ENTER TO INPUT A LIST ON NEXT SCREEN

Explanation: You specified the value *LIST in the PROGRAM or STEP field of the ADD QUEUED REQUEST panel.

System Action: STROBE/ISPF does not accept the value you entered in this field.

User Response: To access the ADD QUEUED REQUEST - MULTIPLE STEPS panel and specify a list of program names, step names, step numbers, or all steps, clear the PROGRAM and STEP fields and press **Enter**.

STR7259E INVALID SPACE UNIT. DEFAULT WORKSPAC PARAMETER IS INVALID, 'TRACK' SUBSTITUTED

Explanation: You entered an invalid value in the WORKSPAC field.

System Action: STROBE will use the default value of TRACK and process the request.

User Response: Contact your STROBE system programmer to enter a valid value in the WORKSPAC field in the DEFAULT OPTIONS panel (STRBDFLT).

STR7260I ELEMENT [COPIED|EDITED]. THE ELEMENT HAS BEEN [COPIED|EDITED]

Explanation: The element was successfully copied or edited.

System Action: STROBE successfully processed the request.

User Response: None required.

STR7261I ELEMENT CREATED. A NEW ELEMENT HAS BEEN ADDED TO GROUP *groupname*

Explanation: STROBE successfully created an element and added it to the group *groupname*.

System Action: STROBE successfully processed the request.

User Response: None required.

STR7262W SYSTEM PARAMETER. SYSTEM PARAMETER SPECIFIED IN REQUEST(S) MAY NOT BE SUPPORTED

Explanation: For a batch-submission request, you have supplied a SYSTEM parameter. If the system you are sending the request to is not a member of a STROBE sysplex, the system will not recognize the system parameter.

System Action: If the system to which you are sending the request does not support multisystem, STROBE will fail with a syntax error.

User Response: If the system to which you are sending the request does not support multisystem, go to the JOB STREAM option on the STROBE OPTIONS panel, select Option 2 and remove the system parameter from the generated job control statements.

STR7263E AUTHORIZATION FAILURE. NOT AUTHORIZED TO EDIT, SUBMIT, OR SAVE A REQUEST IN THIS GROUP

Explanation: Users with administrator privileges receive this message when they attempt to edit, submit, or save a request into a group that they did not create. For groups that they did not create, administrators can only copy, list, or delete.

System Action: STROBE does not process the request.

User Response: You cannot submit, edit, or save requests in a group that you did not create. If you want to submit, edit, or save these requests, you must first copy the group to your user ID.

STR7264E INVALID COMBINATION. WHEN *LIST IS USED IN PROGRAM OR STEP FIELD THE OTHER MUST BE BLANK

Explanation: The combination of entries on this panel is invalid. Either you entered *LIST in one field and data in the other field, or the system returned *LIST in one field and you entered data in the other field.

System Action: STROBE/ISPF does not process the request.

User Response: Clear one of the fields.

STR7265E INVALID COMBINATION. A STEP NUMBER CANNOT BE SPECIFIED WITH A PROGRAM NAME

Explanation: The combination of entries on this panel is invalid. The PROGRAM field contains a program name and the STEP field contains a step number.

System Action: STROBE/ISPF does not process the request.

User Response: Clear either the PROGRAM field or the STEP field. You cannot specify both a program name and a step number.

STR7266E INVALID COMBINATION. WHEN *ALL IS USED IN THE STEP FIELD THE PROGRAM FIELD MUST BE BLANK

Explanation: The combination of entries on this panel is invalid. The PROGRAM field contains a program name and the STEP field contains *ALL.

System Action: STROBE/ISPF does not process the measurement request.

User Response: Clear the PROGRAM field and enter *ALL in the STEP field.

STR7267E INVALID COMBINATION. JOBS CANNOT BE SELECTED IF 'Y' IS ENTERED IN CHANGE LIST OR DISPLAY

Explanation: You entered an invalid combination. You cannot enter a "Y" in either the CHANGE LIST LIMITS field or the CHANGE DISPLAY FORMAT field and also enter an "S" in the SEL column to select a job name to measure.

System Action: STROBE/ISPF does not process the request.

User Response: To select one or more job names to measure, clear both the CHANGE LIST LIMITS field and the CHANGE DISPLAY FORMAT field and enter one or more "S"s in the SEL column. To limit the active jobs displayed, enter a "Y" in the CHANGE LIST LIMITS field. To change the information displayed, enter a "Y" in the CHANGE JOB DISPLAY FORMAT field. You may enter a "Y" in both the CHANGE LIST LIMITS field and the CHANGE JOB DISPLAY field at the same time, but cannot combine these with one or more "S"s in the SEL column.

STR7268E INVALID START DATE. THE SCHEDULE START DATE CANNOT BE LATER THAN ONE YEAR FROM TODAY

Explanation: You attempted to schedule a measurement request or a request group with a start date that is more than one year from today's date.

System Action: STROBE/ISPF does not process the request.

User Response: On the REQUEST SCHEDULER panel, ensure that the STARTING DATE field is one year or less from today's date.

STR7269I X. ELEMENTS DELETED. ELEMENT(S) HAVE BEEN DELETED

Explanation: STROBE has deleted one or more elements. *x* represents the number of elements deleted.

System Action: STROBE successfully processed the request.

User Response: None required.

STR7270E AUTO PROFILE NOT SEL'D. AUTO PROFILE WAS NOT PART OF THIS REQUEST

Explanation: You selected "B" for Browse Auto Profile from the STROBE - STATUS panel, but you did not specify AUTO PROFILE CREATION for this measurement request.

System Action: STROBE/ISPF does not process the request.

User Response: To create a Performance Profile, type "P" to the left of your request.

STR7271E SAMPLE FILE NOT CLOSED. AUTO PROFILE REQUIRES CLOSED SAMPLE FILE

Explanation: You selected "B" for Browse Auto Profile from the STROBE - STATUS panel, but the measurement session has not yet produced a closed sample file from which to automatically create a Performance Profile.

System Action: STROBE/ISPF does not process the request.

User Response: Select the option later, once STROBE has produced a closed sample file.

STR7272E INVALID SAMPLE FILE. SAMPLE FILE HAS INVALID FORMAT

Explanation: The sample file name does not have the required STROBE format.

System Action: STROBE/ISPF does not process the request.

User Response: Notify the STROBE system programmer. If necessary, contact Compuware Technical Support.

STR7273E DATA SET NOT AVAILABLE. AUTO PROFILE DATA SET NOT FOUND. VERIFY THE SUBMITTED JOB

Explanation: STROBE/ISPF is unable to locate the Performance Profile data set.

System Action: STROBE/ISPF does not process the request.

User Response: Verify that the JCL is correct and that the job has run. Retry Option "B" Browse Auto Profile. If the problem persists, contact the STROBE system programmer.

STR7274E INVALID SORT COLUMN. SORT COLUMN MUST BE IN THE RANGE 1 - 5

Explanation: At the STROBE - REQUEST GROUP SORT panel, you specified an invalid value in the SORT COLUMN field. Values must be in the range of 1 - 5 for users with administrative authority.

System Action: STROBE does not process the request.

User Response: Enter only valid values (1 - 5) in the SORT COLUMN fields.

STR7275E INVALID SORT SEQUENCE. SORT SEQUENCE MUST BE BLANK IF SORT COLUMN IS NOT SPECIFIED

Explanation: At the STROBE - REQUEST GROUP SORT panel, you specified a value in the SORT SEQUENCE column but did not specify a value in the SORT COLUMN.

System Action: STROBE does not process the request.

User Response: To specify a value of "A" (for ascending) or "D" (for descending) in the SORT SEQUENCE column, you must specify a value in the corresponding SORT COLUMN field.

STR7278E INVALID OWNERID. ENTER VALID OWNERID, PATTERN, OR BLANKS

Explanation: You specified an invalid owner ID in the OWNERID field.

System Action: STROBE/ISPF does not process the request.

User Response: Enter a valid owner ID in the OWNERID field. To view multiple owner IDs, enter a pattern or blanks.

STR7279W VERIFY CHANGE. APMPOWER CREATED AUTO PROFILE.PRESS ENTER FOR ISPF CHANGE OR PF3 TO CANCEL

Explanation: You are attempting to change the characteristics of a Performance Profile that will automatically be created when your measurement session ends. Because you used APMpower to create the Profile, changing it with STROBE/ISPF will cause you to lose the parameters needed to automatically produce a Profile data file. If you change the Profile with STROBE/ISPF, you will have to manually create the Profile data file.

System Action: STROBE takes no action until you respond.

User Response: You may press **Enter** to continue or **PF3** to cancel. If you press **Enter**, you will lose the parameters needed to automatically produce a Profile data file. If you press **PF3**, STROBE will bring you to the STROBE - STATUS panel.

STR7280E INVALID SYSTEM NAME. *ALL OR *LIST IS INVALID FOR ACTIVE REQUESTS/ACTIVE GROUP ELEMENTS

Explanation: You specified *ALL or *LIST in the SYSTEM field for an ADD ACTIVE request or an ACTIVE GROUP ELEMENT. For an ADD ACTIVE request or an ACTIVE GROUP ELEMENT you must specify a system name in the SYSTEM field or leave the field blank.

System Action: STROBE does not process the request.

User Response: Specify the name of a system or leave the field blank and press **Enter**. If you leave the field blank, select only one of the systems from the list that appears on the subsequent STROBE - SYSTEM SELECTION LIST panel.

STR7281E CANNOT SCHEDULE. CANNOT SCHEDULE FROM 23:57 TO 23:59 WITH START DATE = CURRENT DATE

Explanation: For internal processing, STROBE requires a three-minute margin between the time you submit a measurement request and the time at which the measurement request is scheduled to execute. Because of this constraint, STROBE cannot process a request submitted during the last three minutes of the day (from 23:57 to 23:59) that is scheduled to execute before the end of the same day (either on or before 23:59).

System Action: STROBE does not process the request.

User Response: To schedule a request to execute during the last three minutes of the day (from 23:57 to 23:59) submit the request earlier than three minutes before the end of the day (earlier than 23:57). This only applies to requests that are scheduled to execute on the same day that they are submitted.

STR7282E INVALID SPECIFICATION. ENTER 'A' FOR AM OR 'P' FOR PM

Explanation: "A" for or "P" are the only characters that are valid for this field and you entered a character that is not an "A" or a "P".

System Action: STROBE does not process the request.

User Response: Enter an "A" for A.M. or a "P" for P.M.

STR7283E INVALID TIME SPECIFIED. HOUR MUST BE 1 - 12 | MINUTE MUST BE 0 - 59| AM/PM MUST BE A OR P

Explanation: The time that you specified is invalid. In the hour field you must enter a number from 1 to 12. In the minute field you must enter a number from 0 to 59. In the AM/PM field you must enter either "A" for A.M. or "P" for P.M.

System Action: STROBE does not process the request.

User Response: Because you have chosen the AM/PM format, you must enter a number from 1 to 12 in the hour field. Enter a number from 0 to 59 in the minute field. Enter an A for A.M. or a P for P.M. in the AM/PM field.

STR7284E INVALID SPECIFICATION. IMS DC MUST BE SET TO 'Y' FOR THE IMS CAPTURE OPTION TO BE USED

Explanation: You requested an IMS processing option without selecting the IMS data collector on the DATA COLLECTORS panel.

System Action: STROBE cannot process any IMS options until the IMS data collector is invoked.

User Response: Specify "Y" next to the IMS data collector on the DATA COLLECTORS panel.

STR7285E INVALID SPECIFICATION. DB2 DC MUST BE SET TO 'Y' FOR THE DB2 CAPTURE OPTION TO BE USED

Explanation: You requested a DB2 processing option without selecting the DB2 data collector on the DATA COLLECTORS panel.

System Action: STROBE cannot process any DB2 options until the DB2 data collector is invoked.

User Response: Specify "Y" next to the DB2 data collector on the DATA COLLECTORS panel.

STR7286E PROCESSING CONFLICT. YOU CANNOT CHANGE THE OWNER MASK AND USE LINE OPTIONS AT THE SAME TIME

Explanation: You attempted to change the owner mask, and you entered one or more of the line options in the OPTION column on the panel.

System Action: STROBE does not process the request.

User Response: Either change the owner mask or enter a line option in the OPTION column, but do not attempt to do both.

STR7287E PROCESSING CONFLICT. YOU CANNOT CHANGE SORT CRITERIA AND USE LINE OPTIONS AT THE SAME TIME

Explanation: You attempted to change the criteria used for sorting, and you entered one or more of the line options in the OPTION column on the panel.

System Action: STROBE does not process the request.

User Response: Either change the sort criteria or enter a line option in the OPTION column, but do not attempt to do both.

STR7288E INVALID TRANSACTION. ENTER A VALID TRANSACTION. A WILDCARD IS PERMITTED

Explanation: You entered a transaction that is syntactically incorrect. The transaction name must consist of from 1 - 8 of the following alphanumeric or national characters: A-Z, #, \$, @, 0 - 9. The first character may not be numeric, but it may be a period. The last character may be an asterisk, which acts as a wildcard.

System Action: STROBE will not process the request.

User Response: Enter a transaction name that follows the rules given in the Explanation paragraph.

STR7289E INVALID DBRM. ENTER A VALID DBRM. A WILDCARD IS PERMITTED

Explanation: You entered a DBRM name that is syntactically incorrect. The DBRM name must consist of from 1 - 8 of the following alphanumeric or national characters: A-Z, #, \$, @, 0 - 9. The first character may not be numeric. The last character may be an asterisk, which acts as a wildcard.

System Action: STROBE will not process the request.

User Response: Enter a DBRM name that follows the rules given in the Explanation paragraph.

STR7290E INVALID STEP NAME. ENTER VALID STEP OR STEP.PROCSTEP. A WILDCARD IS PERMITTED

Explanation: You entered a step or step.procstep name that is syntactically incorrect.

The step name must consist of from 1 - 8 of the following alphanumeric or national characters: A-Z, #, \$, @, 0 - 9. The first character may not be numeric. The last character may be an asterisk, which acts as a wildcard. A single asterisk in the field is valid and it also acts as a wildcard.

System Action: STROBE will not process the request.

User Response: Enter a step or step.procstep name that follows the rules given in the Explanation paragraph.

STR7291E INVALID HISTORIAN. ENTER A VALID HISTORIAN. A WILDCARD IS PERMITTED

Explanation: You entered a historian name that is syntactically incorrect. The historian name must consist of from 1 - 8 of the following alphanumeric or national characters: A-Z, #, \$, @, 0 - 9. The first character may not be numeric. The last character may be an asterisk, which acts as a wildcard.

System Action: STROBE will not process the request.

User Response: Enter a historian name that follows the rules given in Explanation.

STR7292E REQUIRED FIELD. SORT ORDER AND SEQUENCE FIELDS MUST BE ENTERED IN PAIRS

Explanation: You did not enter a sort order or sort sequence in pairs. When you specify a sort order for one of the display titles, you must also specify a sequence for the sort—either 'A' for ascending or 'D' for descending. Also, if you specify a sequence for a display title, you must indicate the order in which to sort it.

System Action: STROBE does not process the request.

User Response: For each value that you select in the DISPLAY TITLE column you must enter both a sort order and a sort sequence.

STR7293E INVALID SORT ORDER. SORT ORDER FIELD IS EITHER NOT NUMERIC OR OUT OF RANGE

Explanation: One or more of the values that you specified for sort order is invalid. The sort order must be a numeric value in the range specified on the panel.

System Action: STROBE does not process the request.

User Response: Enter a valid sort order.

STR7294E INVALID FUNCTION. VALID OPTIONS ARE 'P' AND 'E'

Explanation: The only valid options are 'P' to print the history data or 'E' to export the history data.

System Action: STROBE does not process the request.

User Response: Enter either 'P' to print or 'E' to export the history data.

STR7296E INVALID PRINT CLASS. THE PRINT CLASS MUST BE ALPHANUMERIC

Explanation: You entered a print class that is not alphanumeric (A - Z or 0 - 9).

System Action: STROBE does not process the request.

User Response: Enter a print class that adheres to the rules defined in the Explanation.

STR7297E ONE PRINT VALUE REQUIRED. ENTER EITHER A PRINT DATA SET NAME OR A SYSOUT CLASS, NOT BOTH

Explanation: You entered both a data set name and a sysout class on the PRINT OPTIONS section of the STROBE - HISTORY - PRINT/EXPORT panel. You cannot choose both.

System Action: STROBE does not process the request.

User Response: To print to a data set, enter only a data set name. To print to a sysout class, enter only a sysout class.

STR7298E INVALID FREQUENCY. THE ANNUAL FREQUENCY VALUE MUST BE IN THE RANGE OF (0 - 9999), (0 - 99999999)

Explanation: You entered an annual frequency value that is not in the range of (0 - 9999) for step views or (0 - 99999999) for DBRM or transaction views.

System Action: STROBE does not process the request.

User Response: Enter a numeric value for annual frequency within the required range.

STR7299E HISTORY DISABLED. THE STROBE HISTORY FUNCTION IS DISABLED

Explanation: The STROBE history manager is not functioning. STROBE will not display history data.

System Action: STROBE continues processing but does not process history related requests.

User Response: An ABEND or an error has occurred either during STROBE installation or while accessing history data. Contact the STROBE systems programmer to ensure that the correct parameters were specified during STROBE installation. If the problem persists, contact Compuware Technical Support.

STR7300E NO RECORDS FOUND. NO HISTORY RECORDS WERE FOUND FOR THE SPECIFIED FILTER CRITERIA

Explanation: There are no measurement session history records that match the filter criteria that you specified.

System Action: STROBE does not process the request.

User Response: Enter different filter criteria.

STR7301E COMMAND CONFLICT. ENTER EITHER A PANEL COMMAND OR LINE OPTIONS, NOT BOTH

Explanation: You entered both a panel command and one or more line options. You cannot enter both panel commands and line options at the same time.

System Action: STROBE does not process the requests.

User Response: Enter either a panel command or one or more line options.

STR7302E INVALID LINE OPTION. VALID LINE OPTIONS ARE 'S' AND 'D'

Explanation: You entered a line option other than 'S' or 'D.' On this panel, the only valid line options are 'S' to select a record or 'D' to delete a record.

System Action: STROBE does not process the request.

User Response: Enter either 'S' or 'D' as line options, or any of the available panel commands, which are defined on the panel.

STR7303E INVALID LINE OPTION. THE ONLY VALID LINE OPTION IS 'S'

Explanation: You entered a line option other than 'S'. On this panel, the only valid line option is 'S' to select a record.

System Action: STROBE does not process the request.

User Response: Enter an 'S' line option or any of the panel commands, which are defined on the panel.

STR7304E INVALID COMMAND. PRINT/EXPORT IS DISABLED WHEN NO HISTORY DATA IS FOUND

Explanation: You entered the PE panel command to print or export measurement session history records, but no measurement session history records are present.

System Action: STROBE does not process the request.

User Response: Because STROBE found no measurement session history records for the filter criteria that you specified, no measurement session history records were available to print or export. The Print/Export command is not valid when no measurement session history records are present.

STR7305E INVALID LINE OPTION. VALID LINE OPTIONS ARE 'D', 'P', 'U', 'V', 'B', AND 'O'

Explanation: You entered an invalid line option. The only valid line options are: 'D' (delete), 'P' (profile), 'U' (update measurement session history record), 'V' (view more details), 'B' (baseline), and 'O' (compare to baseline).

System Action: STROBE does not process the request.

User Response: Enter a valid line option or any of the available panel commands, which are defined on the panel.

STR7306E HISTORY ERROR *errortext*

Explanation: The history manager has encountered an error. The error is described in *errortext*.

System Action: STROBE does not process the request.

User Response: Notify the STROBE system programmer.

STR7307E ONE RECORD AS BASELINE. ONLY ONE RECORD MAY BE SELECTED AS THE BASELINE

Explanation: You entered a 'B' line option, indicating select as a baseline, for more than one measurement session history record. Only one measurement session history record may be designated as the baseline against which other measurement session history records will be compared.

System Action: STROBE does not process the request.

User Response: Designate only one measurement session history record as a baseline.

STR7308E BASELINE REQUIRED. A BASELINE IS REQUIRED IF COMPARE RECORDS ARE SELECTED

Explanation: For one or more measurement session history records, you entered an 'O' line option, indicating that the measurement session history record is to be compared to the baseline measurement session history record, but you did not select a baseline measurement session history record. If you select one or more comparison measurement session history records, you must select a baseline measurement session history record.

System Action: STROBE does not process the request.

User Response: Select a baseline measurement session history record by entering line option 'B'.

STR7309E COMPARE RECORD REQUIRED. 1 OR MORE COMPARE RECORDS REQUIRED IF A BASELINE IS SELECTED

Explanation: You entered a 'B' line option, indicating that the measurement session history record is a baseline measurement session history record, but you did not select measurement session history records to be compared to the baseline.

System Action: STROBE does not process the request.

User Response: Select one or more comparison records by entering an 'O' line option.

STR7310E INVALID EXCP COUNT. EXCP COUNT THRESHOLD MUST BE A NUMBER FROM 0 TO 2147483647

Explanation: The value you entered for the EXCP count threshold is not valid. Valid values are within the range of 0 to 2147483647.

System Action: STROBE does not process the request.

User Response: Enter a valid value.

STR7311E INVALID VALUE. CPU TIME HAS A MAXIMUM OF 1440 MINUTES

Explanation: The value you entered as the CPU time minutes threshold is not valid. Valid values are within the range of 0 to 1440.

System Action: STROBE does not process the request.

User Response: Enter a valid value.

STR7312E INVALID VALUE. THRESHOLD SECONDS MUST BE A NUMBER FROM 0 TO 59.00

Explanation: The value you entered as the seconds threshold is not valid. Valid values are within the range of 0 to 59.00.

System Action: STROBE does not process the request.

User Response: Enter a valid value.

STR7313E INVALID PERCENTAGE. THRESHOLD PERCENTAGE MUST BE A NUMBER FROM 0 TO 99.99

Explanation: The value you entered as the percentage threshold is not valid. Valid values are percentages within the range of 0 to 99.99.

System Action: STROBE does not process the request.

User Response: Enter a valid value.

STR7314E VALID LINE OPTION IS 'U'. THE ONLY VALID LINE OPTION IS 'U' FOR UPDATE

Explanation: The only valid line option is 'U', which enables you to update the measurement session history record.

System Action: STROBE will not process the request.

User Response: Enter 'U' to update the measurement session history record or enter any of the available panel commands, which are defined on the panel.

STR7315E COMMAND FAILED. THE COMMAND REQUESTED DID NOT COMPLETE SUCCESSFULLY

Explanation: The command you issued failed.

System Action: STROBE does not process the request.

User Response: Notify the STROBE system programmer.

STR7316E NO COST RECORD FOUND. DEFAULT COST RECORD HAS NOT BEEN DEFINED

Explanation: A default cost record was not defined at installation.

System Action: STROBE will not process cost data.

User Response: Notify the STROBE system programmer.

STR7317E INVALID COMMENT. UNDERSCORE OR DOUBLE QUOTES ARE INVALID IN COMMENT TEXT

Explanation: You entered an underscore (_) or double quotes (") in the comment field. Underscores or double quotes are not allowed in this field.

System Action: STROBE will not update the record.

User Response: Enter text in the comment field without using an underscore (_) or double quotes (").

STR7318E INVALID COST RECORD DATA. COST CATEGORY MUST BE 0, 1, OR 2

Explanation: The history data set has become corrupted.

System Action: STROBE does not process the request.

User Response: Notify the STROBE system programmer.

STR7319I *commandname* SUCCESSFUL. *commandname* COMPLETED SUCCESSFULLY

Explanation: The command you issued, *commandname*, completed successfully.

System Action: None.

User Response: None required.

STR7320E INTERNAL ERROR. INVALID RECORD TYPE PASSED TO *modname*

Explanation: An invalid record type was passed to module *modname*.

System Action: STROBE does not process the request.

User Response: Notify the STROBE system programmer.

STR7321E INVALID COST CATEGORY. COST CATEGORY MUST BE 'PR', 'NP', OR BLANK

Explanation: You entered a cost category other than 'PR' for prime cost, 'NP' for non-prime cost or blank.

System Action: STROBE does not process the request.

User Response: Enter a cost category of 'PR' for prime, 'NP' for non-prime, or blank. If you leave the field blank, the system will determine the cost based on the time of measurement and the cost record associated with the system on the measurement session history record.

STR7322E COMMAND NOT ALLOWED. THE HISTORY CANNOT BE CHANGED WITHOUT A DEFAULT COST RECORD

Explanation: A default cost record was not defined at installation. You cannot update the measurement session history record without first defining a default cost record.

System Action: STROBE does not process the request.

User Response: Notify the STROBE system programmer to define a default cost record.

STR7323E COMPARE FAILED. *errortext*

Explanation: The comparison routine failed. *errortext* describes the error.

System Action: STROBE does not display the history comparison information.

User Response: Notify the STROBE system programmer.

STR7324E NO COST DATA. COST DATA IS NOT AVAILABLE. THE COST COMPARISON COMMAND IS REJECTED

Explanation: The cost comparison function cannot complete because cost information is not available on your system.

System Action: STROBE does not process the request.

User Response: Notify the STROBE system programmer.

STR7325E RECORD NOT FOUND. THE HISTORY RECORD NEEDED FOR THE FUNCTION REQUESTED WAS NOT FOUND

Explanation: The history data set has become corrupted.

System Action: STROBE does not process the request.

User Response: Notify the STROBE system programmer.

STR7326E COMMAND CONFLICT. CANNOT ADD A COST RECORD AND USE LINE OPTIONS AT THE SAME TIME

Explanation: You entered 'Y' in the Add Cost Record field and also entered one or more line options for the cost records. You cannot add a cost record and use line options at the same time.

System Action: STROBE does not process the request.

User Response: To add a cost record, enter 'Y' in the Add Cost Record field. Do not use line options at the same time as adding a cost record.

STR7327E COST RECORD DELETED. COST RECORD SUCCESSFULLY DELETED

Explanation: The deletion of a cost record from the history database was successful.

System Action: None.

User Response: None required.

STR7328E INVALID LINE OPTION. VALID LINE OPTIONS ARE 'U' AND 'D'

Explanation: You entered a line option other than 'U' to Update a record or 'D' to delete a record. The only valid line options are 'U' or 'D'.

System Action: STROBE does not process the request.

User Response: Enter either 'U' to update a record or 'D' to delete a record.

STR7329E CANNOT DELETE DEFAULT. THE DEFAULT PRIME AND NON-PRIME COST RECORDS CANNOT BE DELETED

Explanation: You cannot delete the default prime and non-prime cost records.

System Action: STROBE does not process the request.

User Response: None required.

STR7330E NO CHANGES MADE. UPDATE WAS SELECTED BUT NO CHANGES WERE MADE

Explanation: You entered the 'U' line option to update a cost record, but entered no changes on the STROBE - HISTORY - MACHINE COST EDIT panel.

System Action: STROBE does not process the request.

User Response: To update a record, enter your changes on this panel and press **Enter** or press **End** to cancel.

STR7331E INVALID CPU MODEL. INVALID CPU MODEL - NO EMBEDDED BLANKS AND CANNOT BE A SINGLE '*'

Explanation: The CPU model that you specified is not syntactically correct.

System Action: STROBE does not process the request.

User Response: Enter a CPU model that is syntactically correct. It cannot have embedded blanks and it cannot be a single asterisk. If you use an asterisk, however, it will not act as a wildcard.

STR7332E INVALID RECORD TYPE. ENTER 'S' FOR A SYSTEM RECORD OR 'U' FOR A USER RECORD

Explanation: You either left the RECORD TYPE field blank or entered a record type other than: "S" for SYSTEM or "U" for USER. A system record is used globally by all users while a user record is used only by the record creator.

System Action: STROBE does not process the request.

User Response: Enter either 'S' to indicate a SYSTEM record or "U" to indicate a USER record.

STR7333E RECORD ALREADY EXISTS. THIS COST RECORD ALREADY EXISTS

Explanation: This cost record already exists.

System Action: STROBE does not process the request.

User Response: To add a new cost record from this panel, change the system definition information and press **Enter**. To update the cost record from this panel, press **PF3** to exit the panel and then enter the 'U' line option.

STR7334I RECORD ADDED. THE COST RECORD WAS SUCCESSFULLY ADDED

Explanation: The addition of the cost record to the history database was successful.

System Action: None.

User Response: None required.

STR7336E RECORD UPDATED. THE COST RECORD WAS SUCCESSFULLY UPDATED

Explanation: The cost record you selected has been updated.

System Action: None.

User Response: None required.

STR7337E INVALID COST INPUT. ENTER CPU AND I/O COST -OR- SERVICE UNIT COST

Explanation: You must specify the same category of cost for both prime and non-prime rates. For example, if you specify CPU hour and I/O costs for Prime cost then you must specify CPU hour and I/O costs for non-prime cost. Similarly, if you specify service units for Prime cost, you must also specify service units for non-prime costs.

System Action: STROBE does not process the request.

User Response: Specify the same category of cost for both prime cost and non-prime cost.

STR7338E INVALID COST INPUT. ENTER CPU AND I/O COST -NOT- SERVICE UNIT COST

Explanation: Because you specified CPU and I/O cost for prime cost, you must also specify CPU and I/O cost for non-prime cost.

System Action: STROBE does not process the request.

User Response: Enter the same category of costs for both prime and non-prime costs: either CPU and I/O cost or service units cost.

STR7339E INVALID COST INPUT. ENTER SERVICE UNIT COST -NOT- CPU AND I/O COST

Explanation: Because you specified service units for prime cost, you must also specify service units for non-prime cost.

System Action: STROBE does not process the request.

User Response: Enter the same category of costs for both prime and non-prime costs: either CPU and I/O cost or service units cost.

STR7340E INVALID CPU HOUR COST. MUST BE A NUMERIC VALUE FROM 0 TO 99999.99

Explanation: You entered an invalid value for the CPU hour cost. The greatest value you can enter is 99999.99 specified in that format. The maximum number of digits to the left of the decimal point is five and the maximum number of digits to the right of the decimal point is two.

System Action: STROBE does not process the request.

User Response: Enter a value that adheres to the rules in the Explanation.

STR7341E INVALID I/O COST. MUST BE A NUMERIC VALUE FROM 0 TO 999999.999

Explanation: You entered an invalid value for the I/O cost. The greatest value you can enter is 999999.999 specified in that format. The maximum number of digits to the left of the decimal point is six and the maximum number of digits to the right of the decimal point is three.

System Action: STROBE does not process the request.

User Response: Enter a value that adheres to the rules in the Explanation.

STR7342E INVALID SERVICE UNIT CST. MUST BE A NUMERIC VALUE FROM 0 TO 99999.999

Explanation: You entered an invalid value for the service unit cost. The greatest value you can enter is 99999.999 specified in that format. The maximum number of digits to the left of the decimal point is five and the maximum number of digits to the right of the decimal point is three.

System Action: STROBE does not process the request.

User Response: Enter a value that adheres to the rules in the Explanation.

STR7343E INVALID COST RECORD DATA. COST CATEGORY INDICATOR MUST BE 'D', 'S', OR 'U'

Explanation: The history data set has become corrupted.

System Action: STROBE does not process the request.

User Response: Notify the STROBE system programmer.

STR7344E INVALID COST RECORD DATA. COST CATEGORY MUST BE 'NP', OR 'PR'

Explanation: You entered a cost category other than 'PR' for prime cost or 'NP' for non-prime cost.

System Action: STROBE does not process the request.

User Response: Enter either 'PR' for prime cost or 'NP' for non-prime cost.

STR7345E COST TABLE FULL. THERE ARE MORE THAN 100 SYSTEM/CPU PAIRS DEFINED

Explanation: You attempted to add a cost record, however, the maximum number of system/CPU pairs, which is 100, has already been defined.

System Action: STROBE does not process the request.

User Response: Notify the STROBE system programmer.

STR7346E LINE COMMAND NOT ALLOWED. LINE COMMANDS ARE NOT ALLOWED WHEN THE FREQUENCY IS CHANGED

Explanation: You entered a line command while you were changing the annual frequency on one of the Measurement Session History panels of the STROBE Advanced Session Management Feature.

System Action: STROBE/ISPF does not process the request.

User Response: Change the annual frequency and press **Enter**. After the panel is refreshed, enter a line command to view the history details. The selections cannot be combined.

STR7347I FREQUENCY UPDATED. THE FREQUENCY HAS BEEN CHANGED TO *frequency*

Explanation: The annual frequency is now *frequency*.

System Action: None.

User Response: None required.

STR7348E INVALID RANGE. TOP N CPU USERS AND TOP N WAIT USERS HAVE LIMITS OF 20

Explanation: You entered a value for top number of CPU or top number of wait users that exceeds the limit of 20.

System Action: STROBE does not process the request.

User Response: Enter a value for top CPU users and top wait users of 20 or less.

STR7349 INVALID COMBINATION. CANNOT ENTER BOTH TOTAL WAIT PERCENT AND TOP N WAIT USERS

Explanation: You entered values for total wait time percent and the top number of wait users. You cannot choose values for both.

System Action: STROBE does not process the request.

User Response: Enter a value that defines the percent of total wait time or the top number of wait time users, not both.

STR7350E INVALID COMBINATION. CANNOT ENTER BOTH TOTAL CPU PERCENT AND TOP N CPU USERS

Explanation: You entered values for total CPU consumption percent and the top number of CPU users. You cannot choose values for both.

System Action: STROBE does not process the request.

User Response: Enter a value that defines the percent of total CPU or the top number of wait time users, not both.

STR7351E INVALID ENTRY. ENTER ALPHANUMERIC OR NATIONAL CHARACTERS - 1ST MUST NOT BE NUMERIC

Explanation: You entered a value that is syntactically incorrect. Enter a value that consists of the following alphanumeric or national characters: A-Z, #, \$, @, 0 - 9. The first character may not be numeric, but it may be a period.

System Action: STROBE does not process the request.

User Response: Enter a value that adheres to the rules in the Explanation.

STR7352E SELECT A REPORT TYPE. AT LEAST ONE REPORT TYPE MUST BE SELECTED

Explanation: You indicated that you wanted to see SQL Analysis Feature reports, but you failed to select one or more of the available options for the type of report.

System Action: STROBE does not process the request.

User Response: Enter one or more of the following options for the types of SQL Analysis Feature reports you'd like to see: EXPLAIN, TRANSLATION, OPPORTUNITIES, and STATISTICS.

STR7354I RECORD NOT UPDATED. THE UPDATE WAS NOT CONFIRMED SO THE COST RECORD WAS NOT UPDATED

Explanation: STROBE did not update the cost record because you did not confirm the update request.

System Action: STROBE does not update the cost record.

User Response: None required. To update the cost record, reenter the update request and press Enter to confirm the update.

STR7355E BASELINE OUT OF RANGE. DBRM AND TRAN BASELINES MUST BE A VALUE BETWEEN 00.0 AND 99.9

Explanation: The value that you entered in the DBRM baseline or TRAN (transaction) baseline field is invalid. Valid values are between 00.0 and 99.9.

System Action: STROBE does not process the request.

User Response: Enter a valid value or leave blank to accept the default baseline. See the *STROBE MVS User's Guide with Advanced Session Management* for default values.

STR7356E INVALID VALUE. TOTAL SAMPLES PROCESSED HAS A MAXIMUM OF 150000

Explanation: The value that you entered as the total samples processed threshold is not valid. Valid values are within the range of 0 to 150000.

System Action: STROBE does not process the request.

User Response: Enter a valid value.

STR7357E INVALID VALUE. SESSION TIME HAS A MAXIMUM OF 1440 MINUTES

Explanation: The value that you entered as the session time minutes threshold is not valid. Valid values are within the range of 0 to 1440 minutes.

System Action: STROBE does not process the request.

User Response: Enter a valid value.

STR7358E INVALID VALUE. WAIT TIME HAS A MAXIMUM OF 1440 MINUTES

Explanation: The value that you entered as the wait time minutes threshold is not valid. Valid values are within the range of 0 to 1440.

System Action: STROBE does not process the request.

User Response: Enter a valid value.

STR7359E INVALID VALUE. STRETCH TIME HAS A MAXIMUM OF 1440 MINUTES

Explanation: The value that you entered as the stretch time minutes threshold is not valid. Valid values are within the range of 0 to 1440.

System Action: STROBE does not process the request.

User Response: Enter a valid value.

STR7360E NOT AUTH'D TO DELETE SDS. YOU ARE NOT AUTHORIZED TO DELETE A SAMPLE DATASET. USE "D" INSTEAD

Explanation: You do not have the authority to delete the sample data sets associated with this request.

System Action: STROBE/ISPF does not process the request.

User Response: Select "D" to delete request without deleting data sets or notify the STROBE system programmer.

STR7361E INVALID NUMBER. NUMBER SHOULD BE IN THE RANGE OF 1-13

Explanation: You entered an invalid number for the display order.

System Action: STROBE/ISPF does not display the active process list.

User Response: Enter a number in the range of 1 to 13.

STR7362E INVALID SPECIFICATION. VALID OPTIONS ARE "J" OR "P"

Explanation: You entered an invalid value in the JOBNAME field on the STROBE ADD ACTIVE REQUEST panel.

System Action: STROBE/ISPF does not process request.

User Response: Enter "J" to display active jobs or "P" to display active processes.

STR7363E INVALID SPECIFICATION. MQSERIES DC MUST BE SPECIFIED AS Y FOR MQSERIES OPTIONS TO BE USED

Explanation: You requested a STROBE MQSeries Feature processing option without specifying "Y" in the MQSeries data collector field on the DATA COLLECTORS panel.

System Action: STROBE/ISPF cannot process MQSeries options unless you specify "Y" in the MQSeries data collector field.

User Response: Specify "Y" next to the MQSeries data collector on the DATA COLLECTORS panel.

STR7364E CICS OPTIONS ERROR. PERFORMANCE SUPPLEMENT & REGION DATA/TRANS CANNOT BOTH BE SELECTED

Explanation: You entered a "Y" in both the Produce Performance Supplement/Collect Terminal Activity fields and in the Collect Region Data/Detail Transactions fields on the DATA COLLECTORS panel.

System Action: STROBE/ISPF does not process the request.

User Response: You cannot enter "Y" for both options. Select either the option for Produce Performance Supplement/Collect Terminal Activity or the option for Collect Region Data/Detail Transactions on the DATA COLLECTORS panel.

STR7365E INVALID COMBINATION. ENTER 1 OR MORE TRANSACTIONS OR SPECIFY WHICH REPORT TO PROCESS

Explanation: You entered an "N" in either the Collect Region Data field or the Produce Performance Supplement field on the DATA COLLECTORS panel, but left the other fields blank.

System Action: STROBE/ISPF does not process the request.

User Response: Enter transactions or enter "Y" to produce these reports. Enter "N" to suppress them.

STR7366E INVALID TRANSACTION NAME. ENTER UP TO 4 ALPHANUMERIC/NATIONAL/ SPECIAL CHAR--WILDCARD PERMITTED

Explanation: You entered an incorrect character in the transaction field.

System Action: STROBE/ISPF does not process the request

User Response: Enter up to four of any of the following alphanumeric, national, or special characters:

A-Z a-z 0-9 \$ @ # . / % & ? ! : " ^ < > ¢

STR7367E PARAMETER OUT OF RANGE. VALUE MUST BE BETWEEN 0.00 AND 99.99 SECONDS

Explanation: You entered an invalid value for either the CICS Transaction Profile compress below % field or for the CICS Region Level compress below% field.

System Action: STROBE/ISPF does not process the request.

User Response: Enter a value between 0.00 and 99.99.

STR7368E INVALID COMBINATION. CANNOT SUPPRESS ALL REPTS OR SPECIFY CICS TRANS & SPECIFY FILTERS

Explanation: You cannot suppress both the CICS Transaction Profile reports and the non-CICS Transaction Profile reports. You also cannot specify CICS transactions and suppress CICS Transaction Profile reports.

System Action: STROBE/ISPF does not process the request.

User Response: Either suppress the CICS Transaction Profile reports or suppress the non-CICS Transaction Profile reports.

STR7369E INVALID COMBINATION. JOBS CANNOT BE SELECTED IF Y IS ENTERED IN CHANGE DISPLAY

Explanation: You entered an invalid combination. You cannot enter a "Y" in the CHANGE DISPLAY FORMAT field and an "S" in the SEL column on the ACTIVE PROCESS SELECTION LIST panel to select a process to measure.

System Action: STROBE/ISPF does not process the request.

User Response: To select one or more processes to measure, clear the CHANGE DISPLAY FORMAT field and enter one or more "S"s in the SEL column. To change the displayed information, enter a "Y" in the CHANGE DISPLAY FORMAT field and clear all "S"s in the SEL column.

STR7370W STROBE NOT ACTIVE. STROBE PACKAGING UTILITY FUNCTIONALITY WILL BE LIMITED

Explanation: The STROBE session manager address space is not active.

System Action: STROBE continues processing, but the STROBE Packaging Utility panels do not include the sample and log file data set names.

User Response: Notify the STROBE system programmer.

STR7371W NO SAMPLE DATA SETS. NO CATALOGED DATA SETS WERE FOUND

Explanation: The STROBE Packaging Utility did not find as cataloged the sample data sets you specified.

System Action: STROBE continues processing without displaying sample data sets.

User Response: Enter the names of four cataloged data sets in the SPECIFY INPUT DATA SET NAMES TO INCLUDE field.

STR7372E DATA SET PREFIX REQUIRED. AN OUTPUT DATA SET PREFIX MUST BE SPECIFIED

Explanation: You did not specify an output data set prefix during your STROBE Packaging Utility data set transfer request.

System Action: The STROBE Packaging Utility does not process the request.

User Response: Specify an output data set for the prefix and resubmit the STROBE Packaging Utility data set transfer request.

STR7373I VERIFY CANCEL REQUEST. 'END' TO EXIT STROBE PACKAGING UTILITY, 'ENTER' TO CONTINUE

Explanation: This message enables you to verify your request to cancel the STROBE Packaging Utility.

System Action: The STROBE Packaging Utility stops processing your request.

User Response: Press END to cancel the STROBE Packaging Utility or press Enter to continue Utility processing.

STR7374E INTERNAL ERROR. STRBPKG RC= rc FROM servicename

Explanation: The STROBE Packaging Utility called the dialog service servicename, but the service routine failed with a return code of rc.

System Action: The STROBE Packaging Utility does not process your selection.

User Response: Notify the STROBE system programmer.

STR7375E OSTARXMT ERROR. text

The specified message text is output from the OSTARXMT REXX exec. The following are possible *texts*:

- “Workfile ‘STSUT2’ allocation failure”

Explanation: The procedure was unable to allocate a temporary work file.

System Action: Processing terminates.

User Response: See other TSO messages and modify the allocation for SYSUT2 in OSTARXMT to conform to local standards.

- “Invalid control file ‘DSN’ Try OSTARXMT with no parms”

Explanation: The control file STRBPKG is passing to OSTARXMT is invalid.

System Action: Processing terminates.

User Response: Contact Compuware Technical Support.

- “Unable to allocate file. ODSN with DISP=NEW”

Explanation: The output file cannot be allocated. Perhaps the data set already exists.

System Action: Processing terminates.

User Response: Delete the existing data set of the same name. Otherwise see other TSO messages and modify the data set name to conform to local standards.

- “DSN not found. Rejected”

Explanation: OSTARXMT could not find the data set.

System Action: Processing terminates.

User Response: Check that the name was entered correctly using normal TSO naming standards. If the name is not in single quotes it will be prefixed with your userid. If the name is correct, the data set is not migrated. If you had a typing error then correct it and retry.

- “Error writing to ODSN”

Explanation: Either the output data set filled up, the volume is full, or you do not have write access to the data set.

System Action: Processing terminates.

User Response: If the output data set has gone to 16 extents then increase the size on the allocate for SYSUT1 in OSTARXMT.

- “All data sets were not processed, but ‘ODSN’ is valid”

Explanation: This is a warning. The data sets that were specified correctly are in the output file.

System Action: None.

User Response: None required.

- “Unable to copy ‘IDSN’ to workfile”

Explanation: The TSO TRANSMIT command failed to write the input file to the work file.

System Action: Processing terminates.

User Response: If this is a large file, try increasing the size of the work file allocated via SYSUT2 in OSTARXMT. Otherwise check preceding TSO errors.

- “Read error on temp file”

Explanation: This should not occur.

System Action: Processing terminates.

User Response: Record the preceding TSO error messages.

- “Error writing to output file”

Explanation: Either the output file is full or you do not have write access to it.

System Action: Processing terminates.

User Response: If it is full, increase the size of the data set allocated as SYSUT1 in OSTARXMT.

STR7376E OSTARREC ERROR. text

Explanation: The specified message text is output from the OSTARREC REXX exec. The following are possible *texts*:

- “Error allocating work file”

Explanation: The procedure was unable to allocate a temporary work file.

System Action: Processing terminates.

User Response: Modify the allocation for SYSUT2 in OSTARREC to conform to local standards.

- “Unable to allocate file ‘ISDN’”

Explanation: Allocation of input file failed.

System Action: Processing terminates.

User Response: Check other error messages. Possible errors are security violations or exclusive shares.

- “Invalid input ‘DSN’ ‘ISDN’. Invalid header”

Explanation: The input file does not start with the expected header information. Possible causes are transmission error or wrong input data set used.

System Action: Processing terminates.

User Response: Correct input data set name, if incorrect, otherwise, retransmit.

- “Input file is ‘VERSION.’ You need a new version of ‘OSTARREC’”

Explanation: The file you have uploaded requires a newer version of OSTARREC.

System Action: Processing terminates.

User Response: Contact Compuware Technical Support.

- “Read error on input file”

Explanation: Unable to read the input file.

System Action: Processing continues.

User Response: See other TSO messages for details.

- “File level error checking failed”

Explanation: File validation failed. Possible reasons include transmission error and LRECL not 88.

System Action: Processing terminates.

User Response: Correct error and retry.

- “Record level error checking failed”

Explanation: File validation failed. Transmission error.

System Action: Processing terminates.

User Response: Correct error and retry.

- “Write error to temp file”

Explanation: The temporary work file allocated via SYSUT2 is not big enough.

System Action: Processing terminates.

User Response: Find the allocate statement for SYSUT2 in OSTARREC and increase the size.

- “INMR152I’ RECEIVE failed. Sender’s node ID is not recognized”

Explanation: This message is produced by the TSO RECEIVE command which is used, under covers, by OSTARREC. It is produced when the TSO TRANSMIT/RECEIVE customization has not been performed at the site when TSO/E was installed.

System Action: Processing terminates.

User Response: Contact your systems programmer.

STR7378E STRBPKG MUST BE INVOKED VIA 'P' FROM THE STROBE OPTIONS MENU

Explanation: You attempted to access the STROBE packaging utility using a command. You must access this utility by selecting "P" from the STROBE OPTIONS menu in STROBE/ISPF.

System Action: STROBE does not invoke the packaging utility.

User Response: To invoke the packaging utility, select option "P" from the STROBE OPTIONS menu.

User Response:

STR7379W AUTOSTROBE DISABLED AUTOSTROBE ALLOCATION ERROR CAUSED AUTOSTROBE TO BE DISABLED

Explanation: A problem occurred during the allocation of a file required by AutoSTROBE.

System Action: The AutoSTROBE option does not appear on the primary STROBE-OPTIONS panel.

User Response: Notify the STROBE system programmer.

STR7380I AUTOSTROBE REQUEST ADDED . AN AUTOSTROBE REQUEST HAS BEEN ADDED FOR *jobname*

Explanation: You submitted a measurement request. STROBE/ISPF reports the request number (*mmm*) and status in the short message field. If the request was submitted successfully, the jobname appears in the long message field. Otherwise, the return code appears in the short message field and the appropriate error message appears in the long message field.

System Action: STROBE successfully processed the request and is waiting for the next request.

User Response: None required.

STR7381W NO BASIS DATA RECORDS. THE AUTOSTROBE REQUEST HAS NO BASIS DATA RECORDS TO DISPLAY

Explanation: STROBE issued this warning in a response to a request to display basis data records associated with an AutoSTROBE request which has nosuch records.

System Action: None.

User Response: Remove the invalid request.

STR7382E ARCHIVE ERROR. *error text*

Explanation: The history manager has encountered an error. The error is described in *errortext*.

System Action: STROBE does not process the request.

User Response: Notify the STROBE system programmer.

STR7383E INVALID STEPNAME. SPECIFY A VALID STEPNAME OR STEP.PROCESTEP NAME

Explanation: You entered an invalid step in the STEP field of the ADD QUEUED REQUEST panel or you have chosen Option 2 on the ADD QUEUED REQUEST - MULTIPLE STEPS panel and specified the name of one or more steps or step.procsteps incorrectly.

System Action: STROBE/ISPF does not process the measurement request.

User Response: Supply a relative step number between 1 and 255, or a stepname, or a procstepname and stepname. The stepname or procstepname must contain from 1 to 8 alphanumeric characters. The first characters must be alphabetic or national. The three national characters are @, #, and \$.

STR7384E NO RECORDS FOUND . NO AUTOSTROBE RECORDS WERE FOUND FOR THE SPECIFIED FILTER CRITERIA

Explanation: STROBE issued this message in a response to a request to display AutoSTROBE requests based on filter values for the fields: Jobname, Program Stepname, OwnerId, System. No AutoSTROBE requests matched the filter.

System Action: STROBE/ISPF does not display any data.

User Response: Make the filters less restrictive, using * as a wildcard character

STR7385E INVALID SESSION/TCP TIME. MUST BE A NUMERIC VALUE FROM 0 TO 9999

Explanation: The value you entered as the SESSION/TCB time minutes threshold is not valid. Valid values are within the range of 0 to 9999.

System Action: STROBE does not process the request.

User Response: Enter a valid value.

STR7386E INVALID SPECIFICATION. VALID OPTIONS ARE "A" OR "Q " OR "B" OR"W"

Explanation: The value you entered as the request type are not valid. Valid values are "A" or "Q" or "B" or "W".

System Action: STROBE does not process the request.

User Response: Enter a valid value.

**STR7387E UNABLE TO FIND CWPIDRVB
CWPIDRVB NOT IN &CSSLIB OR LINKLIST**

Explanation: STROBE/ISPF cannot find CWPIDRVB in a link list data set or in the &CSSLIB variable in the DEFAULT OPTIONS panel (STRBDFLT) in the STROBE panel library.

System Action: STROBE/ISPF does not process the request.

User Response: Notify the STROBE system programmer.

STR7388E INVALID SPECIFICATION. SELECT A VALID OPTION AS LISTED ON THE PANEL

Explanation: You specified an invalid on the panel.

System Action: STROBE/ISPF does not process the request.

User Response: Specify a valid option.

**STR7389I NO BASIS DATA FOUND. NO BASIS DATA WERE FOUND TO THE SPECIFIED
AUTOSTROBE REQUEST**

Explanation: There are no measurement session basis data records that match the filter criteria that you specified.

System Action: STROBE does not process the request.

User Response: Enter different filter criteria.

**STR7390I NO REQUESTS FOUND. NO ARCHIVED REQUESTS WERE FOUND FOR THE SPECIFIED
FILTER CRITERIA**

Explanation: There are no measurement session basis data records that match the filter criteria that you specified.

System Action: STROBE does not process the request.

User Response: Enter different filter criteria.

**STR7391I INVALID SCHEDULE. AN AUTOSTROBE REQUEST CANNOT BE SCHEDULED BEYOND A
YEAR FROM TODAY**

Explanation: You attempted to schedule a measurement request element or a request group for more than one year in the future from today's date.

System Action: STROBE/ISPF does not process the request.

User Response: On the REQUEST SCHEDULER panel, ensure that the values in the STARTING DATE and ENDING DATE fields represent a time period of one year or less from today's date, or specify a value in the NUMBER OF WEEKS field that is one year or less from today's date.

STR7392E NO SCHEDULE GENERATED. THERE ARE NO DATE ENTRIES IN THE SCHEDULE

Explanation: You attempted to schedule a measurement request or a request group but did not specify the days of the week on which you want the measurement session initiated.

System Action: STROBE/ISPF does not process the request.

User Response: Enter a "Y" in the field under one or more of the days shown near the top of the REQUEST SCHEDULER panel, or create a customized list by completing the bottom portion of the panel.

STR7393E DUPLICATE ADD CONFLICT. THIS DATE HAS ALREADY BEEN GENERATED IN THE WEEKLY LIST

Explanation: You attempted to add an individual date to the weekly schedule for a measurement request or a request group. The date you specified, however, is already included in the weekly schedule.

System Action: STROBE/ISPF does not process the request.

User Response: Ensure that the individual date is not included in the weekly schedule designated in the top section of the REQUEST SCHEDULER panel.

STR7394E DATE DOES NOT EXIST. THIS DATE DOES NOT EXIST IN THE GENERATED WEEKLY LIST

Explanation: You attempted to exclude an individual date from the weekly schedule for a measurement request or a request group. The date and time you specified, however, does not exist in the weekly schedule.

System Action: STROBE/ISPF does not process the request.

User Response: Ensure that the individual date is included in the weekly schedule designated in the top section of the REQUEST SCHEDULER panel.

**STR7396E INVALID SPECIFICATION
A THRESHOLD MINIMUM CANNOT BE SPECIFIED WITH THE SUPPRESS OPTION**

Explanation: You specified a "Y" in the SUPPRESS field and entered a threshold minimum in the OVERRIDE THRESHOLD field.

System Action: STROBE does not process the AutoSTROBE request.

User Response: Enter a threshold minimum or select the SUPPRESS option or do neither.

**STR7397E CANNOT SUPPRESS ALL
THRESHOLDS CANNOT ALL BE SUPPRESSED**

Explanation: You specified "Y" in the SUPPRESS fields. There must at least one threshold used by AutoSTROBE.

System Action: STROBE/ISPF does not process the AutoSTROBE request.

User Response: Change at least one SUPPRESS field to "N".

**STR7398E CHANGE INVALID ON WARN
CANNOT CHANGE MEASUREMENT PARAMETERS IF ACTION IS WARN**

Explanation: You specified "Y" in the Change Measurement Parameters field and specified an action of Warn. Measurement parameters do not apply when an action of warn is specified.

System Action: STROBE does not process the AutoSTROBE request.

User Response: Change the action from Warn to a measurement type, (Q, A, or B) or change the Y to N in the Change Measurement Parameters field.

**STR7402E INVALID FILE
FILE IS NOT DDIO OR MAP**

Explanation: You specified a file to use for indexing that was neither a DDIO file nor a map file.

System Action: STROBE does not process your request.

User Response: Enter the correct file name.

**STR7403E DDIO FILE CODE = xxxx
DDIO DATASET VERIFY RETURNED AN INVALID STATE**

Explanation: The Compuware CSS routine returned a bad return code xxxx to STROBE.

System Action: STROBE does not process your request.

User Response: Look up the meaning of the return code in the CSS manual.

**STR7404E INVALID EXCPS
MUST BE A NUMERIC VALUE FROM 20000 TO 2147483647**

Explanation: You entered a value that is out of range.

System Action: STROBE/ISPF does not process the request.

User Response: Enter a value within the minimum or clear the field.

**STR7405E EXCLUSION ADDED
CANDIDATE WAS ADDED TO THE EXCLUSION LIST**

Explanation: The exclusion record you selected has been updated.

System Action: None.

User Response: None required.

STR7406E INTERNAL ERROR STRBJTG RC = <rc> FROM <message text>

Explanation: An internal error occurred in Java target processing. *message text* specifies the error location.

System Action: STROBE does not process the request.

User Response: Notify the STROBE system programmer.

STR7407I SELECT A TARGET OR PRESS END TO EXIT

Explanation: On a targeting panel, you pressed ENTER without specifying at least one Java target.

Explanation: STROBE does not process the request.

Explanation: Enter or select a target, or press END to exit without adding a target.

STR7408E ERROR IN JAVA SELECTOR PROCESSING: <message text>

Explanation: A serious error occurred in the STROBE Java Selector processing. See the *message text* for details about the error that occurred. *message text* can be:

- MVSOUT ALLOCATION RETURN CODE = *rc*
- SELECTOR CANNOT BE USED - FILE CANNOT BE ALLOCATED
- TARGET NOT FOUND. REENTER TARGET OR PRESS END TO EXIT
- JAVA CLASS SELECTOR RETURN CODE = *rc*
- JAVA SELECTOR FILE COPY RETURN CODE = *rc*
- TARGETING DATA ERROR: *rc*
- (Various other SELECTOR errors)

System Action: STROBE does not process the request.

User Response: Correct the error described in the message text or notify the STROBE system programmer.

STR7409E - NUMBER OF TARGETS CANNOT EXCEED <nnn>. YOU HAVE SELECTED <mmm> TARGETS.

Explanation: On a STROBE Java targeting panel, you selected *mmm* targets, which is more than the maximum of *nnn* that can be processed.

System Action: STROBE does not process the request.

User Response: Delete one or more targets until fewer than *nnn* targets are selected.

STR7410E - STRBJTG MUST BE INVOKED FROM THE STROBE DATA COLLECTORS PANEL

Explanation: You attempted to access the Java targeting function (STRBJTG) outside of STROBE/ISPF. You must access this function only from the data collectors panel in STROBE/ISPF.

System Action: STROBE does not invoke the Java targeting function.

User Response: To run the Java targeting function, invoke STROBE/ISPF and select JAVA from the STROBE Data Collectors Panel.

**STR7411E DUPLICATE RECORD
 THIS RECORD ALREADY EXISTS ON THE FILE**

Explanation: The exclusion record you entered already exists on the file.

System Action: STROBE/ISPF does not process the request.

User Response: Ensure that the exclusion record that you add does not already exist.

**STR7413E INDICATE M-MAP OR D-DDIO
 ENTER AN M FOR A MAP FILE OR A D FOR A DDIO DATASET**

Explanation: You listed a file to be used for indexing, but did not indicate whether it is a map file or DDIO file.

System Action: STROBE does not process your request.

User Response: Specify M for a map file or D for a DDIO dataset.

Messages Returned by Attribution Data Collectors

Data collectors for attribution routines return the following messages.

STR8110E GETMAIN FAILURE IN *modname* - UNABLE TO COLLECT ATTRIBUTION DATA

Explanation: STROBE cannot obtain virtual storage for the work area of the attribution program *modname*.

System Action: STROBE continues sampling without collecting attribution data.

User Response: Increase the region size and resubmit the request. Notify the STROBE system programmer.

STR8120E INVALID INPUT TO *modname* - ATTRIBUTION WILL BE INCOMPLETE

Explanation: STROBE called the attributor module *modname* incorrectly.

System Action: STROBE continues sampling without the attribution data and places a dump of the request block in the sample data set.

User Response: Notify the STROBE system programmer.

STR8130E STROBE DOES NOT SUPPORT MEASUREMENT OF *lang* UNDER *subsys*

Explanation: You requested attribution data for the language *lang*, but STROBE does not support programs in the language under the subsystem named in *subsys*.

System Action: STROBE continues sampling without attribution data.

User Response: Notify the STROBE system programmer.

STR8140E NOSYNCH IN EFFECT - *subsys* ATTRIBUTOR DISABLED

Explanation: The measurement session is running with NOSYNCH.

System Action: STROBE continues sampling without collecting attribution data for the subsystem *subsys*.

User Response: Notify the STROBE system programmer.

STR8205E ABEND LIMIT EXCEEDED - CICS ATTRIBUTOR DISABLED

Explanation: The STROBE CICS Feature cannot collect attribution data because it encountered a severe error.

System Action: STROBE continues sampling without CICS attribution data.

User Response: Notify the STROBE system programmer.

STR8206E MAX NUMBER JVM PROFILES PROCESSED - STRBDKXX DISABLED

Explanation: STROBE will collect Java environment data for up to 50 JVM Profiles seen active in the measured CICS address space.

System Action: If more than 50 JVM Profiles were seen active during measurement, only data for the first 50 will be reported.

User Response: None required.

STR8207W FAILURE ATTEMPTING TO PROCESS JVM PROFILE INFORMATION

Explanation: STROBE will collect Java environment data for up to 50 JVM Profiles seen active in the measured CICS address space.

System Action: If more than 50 JVM Profiles were seen active in the *same sample*, STROBE will collect data for only the first 50. On later samples, STROBE will collect environment data for JVM Profile it had not yet processed.

User Response: None required.

STR8300E UNACCEPTABLE PARAMETERS PASSED; STRBASSA DISABLING

Explanation: STROBE called the IMS attributor module STRBASSA with an invalid parameter list.

System Action: STROBE continues sampling without IMS DL/I attribution data.

User Response: Notify the STROBE System programmer.

STR8301W UNABLE TO RECORD DL/I INFORMATION; ATTRIBUTION REPORTS WILL BE INCOMPLETE

Explanation: The IMS attributor cannot collect DL/I attribution data because it encountered a severe error.

System Action: STROBE continues sampling, but IMS DL/I attribution data will be incomplete.

User Response: Notify the STROBE system programmer.

STR8302E ABEND TOLERANCE EXCEEDED FOR STRBASSA - MODULE DISABLED. TRACE VECTOR = *text*

Explanation: The IMS attributor cannot collect DL/I attribution data because it encountered a severe error. The message text *text* is critical in analyzing this problem.

System Action: STROBE continues sampling without IMS DL/I attribution data.

User Response: Save the message text and notify the STROBE system programmer.

STR8303W DL/I CAPTURE LOST DATA FOR *ss.th* SECONDS. TRANSACTIONS NOT RECORDED=*nnnn*,TCB=*addr*

Explanation: At task control block (TCB) address *addr*, STROBE did not record *nnnn* IMS transactions because the buffer size was not large enough. The IMS data loss lasted for *ss.th* seconds.

System Action: STROBE continues processing, however, transaction counts and service time values will be only approximate.

User Response: Increase the buffer size by increasing the IMS=CAPTBUFF parameter.

STR8304I REQUESTING BUFFER OF SIZE *nnnn*KB FOR DL/I CAPTURE, TCB=*addr*

Explanation: At task control block (TCB) address *addr*, STROBE is requesting a buffer size of *nnnn*KB.

System Action: None.

User Response: None required.

STR8305W THE DL/I CAPTURE LOST DATA DUE TO BUFFER LIMITS. INCREASE THE IMS=CAPTBUFF PARAMETER

Explanation: The DL/I capture lost some data because the buffer size was not large enough.

System Action: STROBE produces a Performance Profile, however, transaction counts and service time values will be only approximate.

User Response: To increase the buffer size, increase the IMS=CAPTBUFF parameter.

STR8306E STRBDFSB: DL/I CAPTURE DISABLING

Explanation: The DL/I capture experienced severe errors.

System Action: STROBE continues sampling but no longer captures DL/I calls. STROBE will produce a Performance Profile, but the transaction counts and service time data on the Transaction Summary report will be inaccurate.

User Response: Check the log for additional error messages and notify the STROBE system programmer.

STR8307W THE DL/I CAPTURE LOST DATA - TRANSACTION COUNTS MAY BE INACCURATE

Explanation: The DL/I capture routine could not collect data on all IMS transaction counts during measurement. Additional DL/I capture routine messages appear in the STROBE log.

System Action: STROBE produces the Performance Profile, but IMS transaction counts and service times could be inaccurate.

User Response: Check for application abends in the Message Processing Region or other DL/I capture messages in the STROBE MPR log. Notify the STROBE system programmer.

STR8308E DL/I CAPTURE INTERNAL ERROR nn

Explanation: A failure occurred in DL/I capture processing. This message may be accompanied by other DL/I capture messages in the STROBE log.

System Action: STROBE continues processing; transaction counts and service times could be inaccurate.

User Response: Notify the STROBE system programmer.

STR8430E GETMAIN FAILURE IN STRBDSNA FOR *block* - DBRM ATTRIBUTION DISABLED

Explanation: STROBE cannot obtain enough storage for *block*, where *block* may be the DCI WORKAREA or STAGING AREA.

System Action: STROBE continues sampling without DBRM attribution data. STROBE will not identify the DBRMs and SQL statements responsible for DB2 CPU activity in the STROBE Performance Profile.

User Response: Increase the region size and resubmit the request. Notify the STROBE system programmer.

STR8431E UNABLE TO LOCATE SYSTEM TABLE - DBRM ATTRIBUTION DISABLED

Explanation: STROBE cannot locate an internal table.

System Action: STROBE continues sampling without DBRM attribution data. STROBE will not identify the DBRMs and SQL statements responsible for DB2 CPU activity in the STROBE Performance Profile.

User Response: Notify the STROBE system programmer.

STR8432W GETMAIN FAILURE IN STRBDSNA FOR *block* - SOME DBRMS MAY NOT BE MAPPED

Explanation: STROBE cannot obtain enough storage to map the DBRMs. *block* may be:

- R24 WORKAREA
- SQL BUFFER
- DBRM TABLE
- READ ROUTINE
- BLDL LIST
- DCB

System Action: STROBE continues sampling, but some of the DBRMs reported in the Performance Profile may not be indexed.

User Response: Increase the region size and resubmit the request. Notify the STROBE system programmer.

STR8436E I/O ERROR, SYNAD EXIT ENTERED *dsname*, *synadaf message*

Explanation: STROBE encountered an I/O error using data set *dsname*, probably because of a hardware problem. STROBE displays the message from the MVS I/O error handler.

System Action: STROBE continues sampling, but it may not index some of the DBRMs reported in the Performance Profile.

User Response: Notify the STROBE system programmer.

STR8437E I/O ERROR, DCB ABEND EXIT ENTERED

Explanation: STROBE encountered an I/O error processing the DBRM data set and has invoked its DCB exit routine.

System Action: STROBE continues sampling, but it may not index some of the DBRMs reported in the Performance Profile.

User Response: Notify the STROBE system programmer of the problem.

STR8439W UNABLE TO OBTAIN ADB/CPDATA - SOME DBRM ATTRIBUTION INFORMATION MAY BE MISSING

Explanation: STROBE encountered an error while obtaining an internal work area.

System Action: STROBE continues sampling without DBRM attribution data. STROBE will not identify the DBRMs and SQL statements responsible for DB2 CPU activity in the STROBE Performance Profile.

User Response: Notify the STROBE system programmer.

STR8441E UNABLE TO LOCATE SYSTEM TABLE - SQL ATTRIBUTION DISABLED

Explanation: STROBE cannot locate an internal table.

System Action: STROBE continues sampling without attribution data. STROBE does not identify the DBRMs and SQL statements responsible for DB2 CPU activity in the Performance Profile.

User Response: Notify the STROBE system programmer.

STR8442W GETMAIN FAILURE IN STRBDSNA FOR *block*, SOME SQL ATTRIBUTION INFORMATION MAY BE MISSING

Explanation: STROBE cannot obtain enough storage for attribution processing. *block* may be:

- SPI WORKAREA
- STS
- QIT
- QTK

System Action: STROBE continues sampling, but some attribution information may be missing from the Performance Profile.

User Response: Increase the region size and resubmit the request. Notify the STROBE system programmer.

STR8443W UNABLE TO OBTAIN *block* - SOME SQL ATTRIBUTION INFORMATION MAY BE MISSING

Explanation: STROBE cannot obtain attribution information from the area named in *block*. *block* may be:

- ADBLOCK
- SQL STMT
- SQL BUFFER
- CMD BUFFER

System Action: STROBE continues sampling, but some attribution information may be missing from the Performance Profile.

User Response: If *block* is SQL STMT, resubmit the request. Otherwise, increase the region size and then resubmit the request. Notify the STROBE system programmer.

STR8444W ABEND OCCURRED IN STROBE EXIT, SOME SQL ATTRIBUTION INFORMATION MAY BE MISSING

Explanation: The STROBE DB2 Feature cannot collect attribution data because it has encountered a severe error.

System Action: STROBE continues sampling without DB2 attribution data.

User Response: Notify the STROBE system programmer.

STR8445W PROCEDURE STACK FULL - SOME PROCEDURES MAY NOT BE MAPPED

Explanation: STROBE encountered a QMF Procedure with more nesting levels than it can accommodate.

System Action: STROBE continues sampling, but the nesting level for this QMF Procedure will not be shown in the Performance Profile.

User Response: Notify the STROBE system programmer.

STR8446W GETMAIN FAILURE IN STRBDSNA FOR *block*, QMFTRACE WILL NOT BE ACTIVE

Explanation: STROBE cannot obtain enough storage to trace QMF statements. *block* may be:

- PROC STACK
- STROBE EXIT

System Action: STROBE continues sampling, but some QMF Procedures and Queries will not be identified in the Performance Profile.

User Response: Increase the region size and resubmit the request. Notify the STROBE system programmer.

STR8447W DB2 CAPTURE LOST DATA. BEGIN = *time1* END = *time2* TOTAL RECORDS LOST= *nnnn*, TCB = *addr*

Explanation: The DB2 Feature buffer became full at time *time1*. STROBE emptied the buffer at time *time2*. Records lost, *nnnn*, reflects the count of the number of times an SQL call was made to DB2 and the data was not captured. The task control block (TCB) address *addr* is the task with the DB2 connection.

System Action: STROBE continues processing; however, the counts and elapsed times reported for some SQL calls may be inaccurate.

User Response: Specify a larger buffer for the capture function or increase the sampling rate to allow STROBE to empty the buffer more frequently.

STR8449I ACQUIRING BUFFER OF *nnn* KB SIZE FOR DB2 CAPTURE, TCB = *addr*

Explanation: The STROBE DB2 Feature placed a buffer of *nnn*KB for task control block (TCB) address *addr*.

System Action: STROBE continues processing.

User Response: None required.

STR8450I MAXIMUM SQL BUFFER STORAGE REACHED, SPECIFIED = *nnn* KB, USED = *nnn* KB, NEEDED = *nnnn* BYTES

Explanation: STROBE attempted to save a copy of an SQL statement, however it was unable to do so because that would cause the value specified by the MAXMEM parameter to be exceeded. The specified, used, and needed storage values are given. STROBE discards the SQL statement.

System Action: STROBE continues processing but SQL information may be inaccurate or missing.

User Response: Specify a larger value for the MAXMEM parameter.

STR8451I THE DB2 CAPTURE FUNCTION HAS TERMINATED. REFER TO THE LOG DATA SET FOR INFORMATION

Explanation: This message alerts you that the STROBE DB2 Feature SQL capture function has terminated.

System Action: STROBE continues processing but the STROBE DB2 Feature capture function is disabled.

User Response: View the log error messages describing the problem and follow the recommended response.

STR8452E UNABLE TO OBTAIN CAPTURE WORK AREA

Explanation: While initializing, STROBE was unable to obtain a work area for the DB2 capture processor STRBDSNL.

System Action: STROBE continues processing but the STROBE DB2 Feature SQL capture function is disabled.

User Response: Specify a larger region size for the job.

STR8453E UNABLE TO OBTAIN BUFFER CONTROL AREA

Explanation: The STROBE DB2 Feature's attempt to acquire a work area during initialization of the capture facility failed.

System Action: STROBE continues processing but the STROBE DB2 Feature SQL capture function is disabled.

User Response: Specify a larger region size for the job.

STR8454E UNABLE TO DETERMINE DB2 ATTACH FACILITY TYPE. DIAGCNAM = values

Explanation: Although the STROBE DB2 Feature recognized that a task control block was connected to DB2, the values *values* contained in the DB2 allied agent do not match a known type.

System Action: STROBE continues processing but the STROBE DB2 Feature SQL capture function is disabled.

User Response: Contact Compuware Technical Support.

STR8455E UNABLE TO PLACE CAPTURE RETURN CODE FROM STRBGMIM = rc

Explanation: The STROBE DB2 Feature received a non-zero return code, *rc*, from STRBGMIM, indicating an error condition.

System Action: STROBE continues processing but the STROBE DB2 Feature SQL capture function is disabled.

User Response: Contact Compuware Technical Support.

STR8456E UNABLE TO OBTAIN SHADOW BUFFER. RETURN CODE FROM GETMAIN = rc

Explanation: There is not enough available virtual storage to satisfy a request for a buffer equal in size to CAPTBUFF. The return code is *rc*.

System Action: STROBE continues processing but the STROBE DB2 Feature SQL capture function is disabled.

User Response: Either specify a larger region size or reduce the value for CAPTBUFF.

STR8457E ERROR ON {GETMAIN | FREEMAIN} OF BUFFER CONTROL AREA. ERROR CODE = rc

Explanation: The buffer control area has experienced either a GETMAIN or a FREEMAIN failure. The error code is *rc*.

System Action: For a GETMAIN failure, STROBE capture processing terminates. For a FREEMAIN failure, STROBE continues processing with the original buffer control still allocated.

User Response: If the failure is a GETMAIN failure, specify a larger region size. If the failure is a FREEMAIN failure, contact Compuware Technical Support.

STR8458E RECORD CHAIN IN CAPTURE IS BROKEN. ATTEMPTING TO FIND NEXT DATA RECORD BY SCAN OF BUFFER.

Explanation: An error occurred in the chaining of address and offset pointers to records being added to the buffer. The pointer to the next record from the last record added does not point to a valid record. STROBE attempts to locate the next sequential record in the buffer by scanning the entire buffer.

System Action: If this happens more than five times during a measurement session, STROBE terminates capture processing.

User Response: Contact Compuware Technical Support.

STR8459E RECORD CHAIN IN CAPTURE IS BROKEN. SETTING LAST REMOVED TO CURRENT RECORD.

Explanation: An error occurred in the chaining of address and offset pointers to records being added to the buffer. The pointer to the next record from the last record added does not point to a valid record. The STROBE attempt to locate the next sequential record in the buffer by scanning the entire buffer failed.

System Action: STROBE continues processing but capture data may be lost, and counts and elapsed time may be inaccurate.

User Response: Contact Compuware Technical Support.

STR8460E DB2 CAPTURE ERROR HAS OCCURRED. COUNTS AND TIMES ARE PROBABLY INACCURATE. REFER TO THE LOG

Explanation: An error condition that is not serious enough to stop capture processing occurred.

System Action: STROBE continues processing, but counts and times reported are probably inaccurate.

User Response: Look in the STROBE log for error messages that describe the problem and follow the recommended action.

STR8461I CAPTURE ERROR. CAPTURE POINT = OLD = *old* NEW = *new* SAMPLE = *sample*

Explanation: The address in the DB2 attachment facility that STROBE needed for the STROBE DB2 capture code to function is overlaid.

- *old* is the address at which the STROBE DB2 capture facility started
- *new* is the address at which it now exists

The sample number when STROBE detected this condition is given in *sample*.

System Action: The STROBE DB2 capture facility terminates.

User Response: Contact Compuware Technical Support.

STR8462E CAPTURE ERROR. CAPTURE FACILITY ERROR FLAG = {SUSPEND | ABENDED}

Explanation: The STROBE DB2 capture facility encountered either a logical error or an ABEND.

- FLAG = SUSPEND indicates a logical error.
- FLAG = ABENDED indicates that an ABEND occurred in the DB2 capture facility code

System Action: The STROBE DB2 capture facility terminates.

User Response: Contact Compuware Technical Support.

STR8463E CAPTURE FACILITY ERROR ON STORAGE OBTAIN REG 15 = *r15*, DYNAMIC SQL CANNOT BE PROCESSED

Explanation: A storage OBTAIN failed. A buffer area that the DB2 capture facility requires to process dynamic SQL was not available. The value in register 15 upon return of the storage OBTAIN function is given in *r15*.

System Action: The STROBE DB2 capture facility continues to function, but only for static SQL.

User Response: Increase the size of the extended private area available to the address space that STROBE is measuring.

STR8464I CAPTURE ERROR. TRACE FUNCTION STORAGE OBTAIN FAILED. RETURN CODE = *rc*

Explanation: Although you submitted the measurement with the DB2 flag setting specified as DEBUG, the storage required for the trace table was not available. The reason for the error is indicated by the return code *rc*.

System Action: STROBE continues measuring, but the sample data set will contain no trace data.

User Response: Increase the size of the extended private area available to the address space that STROBE is measuring.

STR8465I CAPTURE ERROR. TRACE FUNCTION TRACE TABLE CAPACITY EXCEEDED. TRACE INOPERATIVE

Explanation: The volume of SQL activity in the address space that STROBE is measuring exceeds the capacity of the default trace table.

System Action: STROBE continues measuring, but the trace function terminates.

User Response: Contact Compuware Technical Support to obtain a program temporary fix (PTF) that will enlarge the trace table.

STR8467I CAPTURE ERROR. CAPTURE FACILITY ERROR REASON = *erc*, SAMPLE = *sample*

Explanation: The STROBE DB2 capture facility was not able to recognize the control block structure in place in the DB2 attachment facility to locate the SQL. The error reason code, *erc*, indicates the location in the logic where the control block structure becomes unrecognizable. The sample number when STROBE detected the error is given in *sample*.

System Action: STROBE issues this message.

User Response: None required. This information appears for diagnostic purposes only.

STR8468E CAPTURE ERROR. CAPTURE BUFFER TCB WORK AREA OUT OF ROOM

Explanation: The STROBE DB2 capture buffer TCB area is not large enough to hold all of the DB2 activity present in the address space.

System Action: The STROBE DB2 capture facility terminates.

User Response: Contact Compuware Technical Support.

STR8469E CAPTURE TERMINATING - INCOMPATIBLE WITH DSNTRACE ACTIVE

Explanation: The DB2 trace facility DSNTRACE is active in the targeted address space. STROBE cannot measure accurately when DSNTRACE is active.

System Action: The STROBE DB2 capture facility terminates.

User Response: Remove the DSNTRACE DD card from the targeted address space and rerun the STROBE measurement.

STR8470I CAPTURE ENDS - MAXIMUM NUMBER OF TCBs ALLOWED TO BE MEASURED HAS BEEN EXCEEDED

Explanation: STROBE's limit of 400 Task Control Blocks (TCBs) for a DB2 measurement has been exceeded. STROBE DB2 measurement ends.

System Action: STROBE continues processing, without DB2 measurement.

User Response: None required.

STR8505E DML-SEQUENCE NUMBER NOT AVAILABLE - DML ATTRIBUTION INCOMPLETE

Explanation: STROBE could not locate the DML-sequence number in the user program. The user program was not compiled with the CA-IDMS debug protocol.

System Action: STROBE continues sampling, but attribution data will be incomplete.

User Response: Recompile the program using the CA-IDMS debug protocol option and resubmit the request.

STR8506E GETMAIN FAILURE - ADS/O ATTRIBUTION MODULE STRBADXX DISABLED

Explanation: The ADS/O attribution module STRBADXX cannot obtain sufficient storage for its work area.

System Action: STROBE disables ADS/O attribution.

User Response: Increase the region size and resubmit the request.

STR8507E ADS/O ATTRIBUTION DISABLED

Explanation: The ADS/O attribution module failed during initialization.

System Action: STROBE continues sampling but will not attribute any ADS/O dialog activity.

User Response: Refer to the preceding error message in the STROBE log for the specific reason for the ADS/O attributor module failure.

STR8508E GETMAIN FAILURE - CA-IDMS ATTRIBUTION MODULE STRBPR12 DISABLED

Explanation: The CA-IDMS attribution module STRBPR12 cannot obtain sufficient storage for its work area.

System Action: STROBE disables CA-IDMS attribution.

User Response: Increase the region size and resubmit the request.

STR8509E CA-IDMS ATTRIBUTION DISABLED

Explanation: The CA-IDMS attribution module failed during initialization.

System Action: STROBE continues sampling but will not attribute any CA-IDMS dialog activity.

User Response: Refer to the preceding error message in the STROBE log for the specific reason for the CA-IDMS attributor module failure.

STR8510C CA-IDMS IS NOT ACTIVE. TRANSACTION COUNTS AND SERVICE TIMES ARE NOT REPORTED

Explanation: CA-IDMS has either experienced an ABEND or was terminated before the STROBE measurement session completed.

System Action: STROBE will produce a Performance Profile but will not report CA-IDMS transaction counts and service times.

User Response: Resubmit the STROBE measurement request and then restart CA-IDMS. To end the STROBE measurement session, issue a SEND,QUIT command before terminating CA-IDMS.

STR8600E STROBE NATURAL CONFIGURATIONS MODULE - *modname* - NOT IN STROBE LIBRARY

Explanation: STROBE could not invoke the STROBE ADABAS/NATURAL Feature because it could not find the NATURAL configuration module *modname*.

System Action: STROBE continues sampling without NATURAL attribution data.

User Response: Notify the STROBE system programmer.

STR8700E TCMNAME PARM VALUE *parm* IS NOT A VALID THREAD CONTROL BLOCK

Explanation: In the STROBE ADABAS/NATURAL configurations module, STRBANCM, the TCMNAME = parameter value *parm* for the NATURAL/CICS region being measured is not the name of a valid NATURAL Thread control block.

System Action: STROBE continues sampling without NATURAL attribution data.

User Response: Specify the valid Thread control block module name of the NATURAL/CICS region being measured in the STROBE ADABAS/NATURAL configurations module, STRBANCM. Reinstall the configurations module as described in Chapter 3 of the *STROBE MVS System Programmer's Guide*.

STR8701C ATTRIBUTION SUPPRESSED FOR NATURAL PROGRAM *progrname* - COMPILED *date time* RECOMPILED *compdate comptime*

Explanation: STROBE has suppressed attribution for NATURAL program *progrname* because this program was recompiled during the STROBE measurement session. The message gives the date and time the program was originally compiled (*date* and *time*) and the date and time the program was recompiled (*compdate* and *comptime*).

System Action: STROBE stops collecting attribution data for the program that was recompiled.

User Response: Rerun the measurement session. Do not recompile the target NATURAL program during a STROBE measurement session.

STR8702E STROBE DOES NOT SUPPORT MEASUREMENT OF NATURAL UNDER ADABAS

Explanation: You specified "NATURAL=Y" on the DATA COLLECTORS panel when measuring an ADABAS region. STROBE does not support attribution of NATURAL triggers and stored procedures running in an ADABAS region.

System Action: STROBE continues processing but does not collect NATURAL or ADABAS attribution data.

User Response: Do not specify "NATURAL=Y" on the Data Collectors panel when measuring an ADABAS region.

Messages Returned by the SQL Analysis Feature

The SQL Analysis Feature returns the following messages.

STR9501I PLAN_TABLE CREATED FOR AUTHORIZATION ID *authID*

Explanation: The SQL Analysis Feature created an instance of PLAN_TABLE for authorization ID *authID* during Profile creation.

System Action: Processing continues.

User Response: None required.

STR9502E GENERATION OF QUERY NUMBER FAILED, SEE PRECEDING MESSAGE(S)

Explanation: The SQL Analysis Feature cannot generate a unique query number for an SQL statement it processed.

System Action: The SQL Analysis Feature attempts to process that statement again.

User Response: Refer to preceding messages for additional information.

STR9503E NO UNIQUE QUERY NUMBERS ARE AVAILABLE

Explanation: The SQL Analysis Feature cannot generate a unique query number for SQL statements it processes because all possible unique query numbers in PLAN_TABLE are used.

System Action: Processing for the current Profile stops.

User Response: Delete rows from PLAN_TABLE and resubmit the Profile creation request.

STR9504E MEMORY ALLOCATION FAILED

Explanation: The SQL Analysis Feature cannot allocate sufficient virtual storage.

System Action: Processing for the current profile/statement stops

User Response: Notify the STROBE system programmer of the problem.

STR9505E SQL STATEMENT PARSE NOT COMPLETED, SEE PRECEDING MESSAGE(S)

Explanation: The SQL Analysis Feature has encountered an error while processing a SQL statement. Either the SQL Analysis Feature encountered an internal error or the SQL verb is not processed by the SQL Analysis Feature.

System Action: Processing for the current SQL statement stops.

User Response: Refer to preceding messages for additional information.

STR9506I THE FOLLOWING STATEMENT IS NOT DML *sqlstemtext*

Explanation: The SQL statement text is not a valid DML statement. .

System Action: Processing for the current SQL statement stops. Processing continues with the next statement.

User Response: None required. Only DML SQL statements (that manipulate data such as SELECT, INSERT, UPDATE and DELETE) are processed by the SQL Analysis Feature.

STR9507E ERROR OCCURRED DURING ACCESS OF PLAN_TABLE, SEE PRECEDING MESSAGE(S)

Explanation: An attempt by the SQL Analysis Feature during Profile creation either to create an instance of PLAN_TABLE for the resolved authorization ID or to locate an instance of PLAN_TABLE when using existing PLAN_TABLE rows failed.

System Action: Processing for the current Profile stops.

User Response: If the Profile request specified use of existing PLAN_TABLE rows, ensure that an instance of PLAN_TABLE exists for the specified authorization ID. Otherwise, refer to preceding messages for additional information.

STR9508E RETRIEVAL OF TABLE TYPE FOR *tablename* FAILED

Explanation: An attempt to retrieve the table type for table *tablename* failed.

System Action: Processing for the current SQL statement stops.

User Response: Ensure *tablename* identifies an existing table in the catalog of the DB2 subsystem against which the SQL Analysis Feature connected.

STR9509E RETRIEVAL OF TEXT FOR ALIAS *aliasname* FAILED, SEE PRECEDING MESSAGE(S)

Explanation: An attempt to retrieve the text for alias *aliasname* failed.

System Action: Processing for the current SQL statement stops.

User Response: Refer to preceding messages for additional information.

STR9510E RETRIEVAL OF TEXT FOR VIEW *viewname* FAILED, SEE PRECEDING MESSAGE(S)

Explanation: An attempt to retrieve the SQL statement text for view *viewname* failed.

System Action: Processing for the current SQL statement stops.

User Response: Refer to preceding messages for additional information.

STR9511E PROCESSING OF CAF SERVICE *service* FAILED: RC = *rc* RE = X'*re*'

Explanation: A DB2 Call Attach Facility error occurred processing service request service with return code *rc* and reason code *re*.

Refer to accompanying message STR9512I, STR9513I, or STR9514I for additional information.

System Action: Processing for the current file stops.

User Response: Notify the STROBE system programmer of the problem.

STR9512I CAF CONNECT PARAMETERS: SSID: (*subsystemID*)

Explanation: *subsystemID* identifies the DB2 subsystem to which the SQL Analysis Feature attempted to connect through the DB2 Call Attach Facility. If *subsystemID* is blank, the sample data set was probably created with a version of STROBE prior to Version 1 Release 9.2.

System Action: Processing for the current file stops

User Response: Specify the ID of the subsystem in the DB2 SUBSYSTEM field of the SQL ANALYSIS FEATURE REPORT SETTINGS panel. If *subsystemID* is not blank, ensure the subsystem is available, then resubmit the Profile creation request.

Refer to accompanying message STR9511E for additional information. Notify the STROBE system programmer of the problem.

STR9513I CAF OPEN PARAMETERS: SSID: (*subsystemID*) PLAN: (*planname*)

Explanation: *subsystemID* identifies the DB2 subsystem with which the SQL Analysis Feature attempted to open plan *planname* through the DB2 Call Attach Facility.

planname should be STRANANA, the application plan created during installation of the SQL Analysis Feature.

System Action: Processing for the current profile stops.

User Response: If *subsystemID* is available, ensure that *planname* exists and that the resolved authorization ID has EXECUTE privilege for *planname*. Then resubmit the Profile creation request.

Refer to accompanying message STR9511E for additional information.

Notify the STROBE system programmer of the problem.

STR9514I CAF CLOSE PARAMETERS: TERM: (*termoption*)

Explanation: *termoption* identifies the option used to terminate the thread created previously with the open service request through the DB2 Call Attach Facility.

System Action: Processing for the current profile stops.

User Response: Refer to accompanying message STR9511E for additional information.
Notify the STROBE system programmer of the problem.

STR9515E LOAD OF MODULE *modname* FAILED

Explanation: An attempt to load module *modname* from either a link list data set or the library specified by STEPLIB failed.

System Action: Processing for the current profile stops.

User Response: Notify the STROBE system programmer of the problem.

STR9516E CREATION OF TEMPORARY FILE FAILED

Explanation: The SQL Analysis Feature cannot allocate a temporary file.

System Action: Processing for the current Profile stops.

User Response: Notify the STROBE system programmer of the problem.

STR9517E ALLOCATION OF TABLE INDEX FAILED

Explanation: The SQL Analysis Feature cannot allocate an internal table.

System Action: Processing for the current Profile stops.

User Response: Notify the STROBE system programmer of the problem.

STR9518E ALLOCATION OF PLAN BUFFER FAILED

Explanation: The SQL Analysis Feature cannot allocate an internal table.

System Action: Processing for the current Profile stops.

User Response: Notify the STROBE system programmer of the problem.

STR9519E DEFINITION FOR PLAN *planname* NOT FOUND

Explanation: The SQL Analysis Feature cannot retrieve the application qualifier for plan *planname*.

The sample data set for which a Profile request was submitted contains the qualifier.

System Action: Processing for all SQL statements associated with *planname* stops.

User Response: Ensure that *planname* identifies a valid plan in the DB2 catalog.

STR9521E EXPLAIN FAILED, SEE PRECEDING MESSAGE(S)

Explanation: An attempt to issue an SQL EXPLAIN failed.

System Action: Processing for the current SQL statement stops.

User Response: If you receive the DB2 error message SQL=-104, a possible cause may be that the SQL Analysis Feature is attempting to process truncated static SQL statements. Your application may contain statements greater than 4,096 bytes in length, but a DB2 limitation prevents STROBE from reporting on statements of that length. Refer to messages following STR9531I for additional information.

STR9522E DELETE FAILED, SEE PRECEDING MESSAGE(S)

Explanation: An attempt to issue an SQL DELETE failed. This occurs at the end of processing for a DB2 subsystem only.

System Action: Processing for the current SQL statement stops.

User Response: Refer to messages following STR9531I for additional information.

STR9523E ATTEMPT TO GET OR SET AUTHORIZATION ID FAILED, SEE PRECEDING MESSAGE(S)

Explanation: An attempt to either retrieve the primary authorization ID or set a secondary authorization ID failed.

System Action: Processing for the current Profile stops.

User Response: Refer to preceding messages for additional information.

STR9524E SET FAILED

Explanation: An attempt to issue an SQL SET failed.

System Action: Processing for the current Profile stops.

User Response: Refer to messages following STR9531I for additional information.

STR9525E PREPARE FAILED *sqlstmttext*...

Explanation: An attempt to issue an SQL PREPARE for the SQL statement identified by *sqlstmttext* failed.

System Action: Processing for the current SQL statement stops.

User Response: Refer to messages following STR9531I for additional information.

STR9526E OPEN CURSOR FAILED

Explanation: An attempt to issue an SQL OPEN CURSOR failed.

System Action: Processing for the current SQL statement stops.

User Response: Refer to messages following STR9531I for additional information.

STR9527E FETCH FAILED

Explanation: An attempt to issue an SQL FETCH failed.

System Action: Processing for the current SQL statement stops.

User Response: Refer to messages following STR9531I for additional information.

STR9528E CLOSE CURSOR FAILED

Explanation: An attempt to issue an SQL CLOSE CURSOR failed.

System Action: Processing continues.

User Response: Refer to messages following STR9531I for additional information.

STR9529E CREATE TABLE FAILED

Explanation: An attempt to issue an SQL CREATE TABLE failed.

System Action: Processing for the current Profile stops.

User Response: Refer to messages following STR9531I for additional information.

STR9530E EXEC IMMEDIATE FAILED *sqlstmttext*...

Explanation: An attempt to issue an SQL EXEC IMMEDIATE for the SQL statement identified by *sqlstmttext* failed.

System Action: Processing for the current SQL statement stops.

User Response: Refer to messages following STR9531I for additional information.

STR9531I DB2 MESSAGES BEGIN:

Explanation: The SQL Communication Area (SQLCA) and message text produced for a DB2 error begins.

If you receive the DB2 error message SQL=-104, a possible cause may be that the SQL Analysis Feature is attempting to process truncated static SQL statements.

Your application may contain statements greater than 4,096 bytes in length, but a DB2 limitation prevents STROBE from reporting on statements of that length.

System Action: Processing continues reporting the DB2 error.

User Response: Notify Compuware Technical Support if the cause of the problem is not apparent.

STR9532I DB2 MESSAGES END

Explanation: The SQL Communication Area (SQLCA) and message text produced for a DB2 error end.

System Action: Processing of the DB2 request terminates.

User Response: None required.

STR9533E GENERATION OF STATISTICS FOR CURRENT SUBSYSTEM FAILED, SEE PRECEDING MESSAGE(S)

Explanation: An error occurred while generating the Catalog Statistics report.

System Action: SQL Analysis Feature processing terminates. Performance Profile creation continues.

User Response: Refer to preceding messages for additional information.

STR9534E INVALID SQL STATEMENT *sqlstmttext*

Explanation: An error was found in the text of SQL statement *sqlstmttext*.

System Action: Processing for the current SQL statement stops.

User Response: Notify Compuware Technical Support of the problem.

STR9535E GENERATION OF *stattype* STATISTICS FAILED, SEE PRECEDING MESSAGE(S)

Explanation: An error occurred during generation of the *stattype* statistics, where *stattype* is one of the following:

- table
- column
- index
- index partition
- non-uniform column
- tablespace
- tablespace partition

System Action: Processing for the current profile stops.

User Response: Refer to preceding messages for additional information.

STR9536E DATABASE RESOURCE UNAVAILABLE, SEE FOLLOWING MESSAGE(S)

Explanation: A DB2 Call Attach Facility error occurred processing an open service request because a required resource is not available.

System Action: Processing for the current profile stops.

User Response: Ensure that the SQL Analysis Feature plan STRANANA exists in the DB2 subsystem identified in message STR9513I.

Refer to the message block beginning with STR9531I that follows STR9536E to identify the unavailable resource.

STR9537E TABLE DEFINITION FOR *tablename* NOT FOUND

Explanation: The SQL Analysis Feature encountered an internal error attempting to retrieve a control block for table *tablename*.

System Action: Processing for the current SQL statement stops.

User Response: Notify Compuware Technical Support of the problem.

STR9538E INVALID EXECUTION TYPE: *exectype*

Explanation: The statement execution type *exectype* passed to the SQL Analysis Feature is invalid.

System Action: Processing for the current SQL statement stops.

User Response: Notify Compuware Technical Support of the problem.

STR9540E REPORT *reportnumber* NOT FOUND

Explanation: An attempt by the SQL Analysis Feature to locate report *reportnumber* in the sample file when using existing PLAN_TABLE rows failed.

Either no DB2 SQL activity was recorded during measurement or an error occurred during measurement, so the DB2 information required to complete the Profile request is incomplete.

System Action: Processing for the Profile stops.

User Response: Notify Compuware Technical Support of the problem if the cause is not apparent.

STR9542E ALLOCATION OF CURSOR INDEX FAILED

Explanation: The SQL Analysis Feature cannot allocate sufficient virtual storage for an internal table.

System Action: Processing for the current Profile stops.

User Response: Notify the STROBE system programmer of the problem.

STR9543E CURSOR INDEX BUILD FAILED

Explanation: The SQL Analysis Feature cannot build an internal table.

System Action: Processing for the current Profile stops.

User Response: Refer to accompanying message STR9504E or messages following STR9531I for additional information.

STR9544E NO PLAN_TABLE ROWS FOR STATEMENT *mfstmtnumber* (*srcstmtnumber*) IN *objecttype* *objectname* OF PLAN *planname*

Explanation: An attempt by the SQL Analysis Feature to locate existing PLAN_TABLE rows for statement *mfstmtnumber* (*srcstmtnumber*) in *objecttype* *objectname* of plan *planname* failed.

- *objecttype* identifies *objectname* as either a package or a DBRM.
- *mfstmtnumber* is the SQL statement number assigned by STROBE.
- *srcstmtnumber* is the SQL statement number assigned by the DB2 precompiler that EXPLAIN inserts into the QUERYNO column of table PLAN_TABLE.

One of the following has occurred:

- EXPLAIN(YES) was not specified when *objectname* was bound into plan *planname*.
- the resolved authorization ID does not qualify the correct instance of PLAN_TABLE.

System Action: Processing for the current SQL statement stops.

User Response: Check the AUTHID and USEPTRWS options. Notify Compuware Technical Support of the problem if it can not be resolved by changing options.

STR9545E NO EXISTING PLAN_TABLE FOUND FOR AUTHORIZATION ID *authID*

Explanation: An attempt by the SQL Analysis Feature to locate an instance of PLAN_TABLE for authorization ID *authID* when using existing PLAN_TABLE rows failed.

System Action: Processing of SQL statements for the current collection or DBRM stops.

User Response: See the following message, STR9562E, to identify the collection/DBRM name. Check the AUTHID and USEPTRWS options. Notify Compuware Technical Support of the problem if the problem cannot be resolved by changing options.

STR9546E NO INDEX SLOTS AVAILABLE, CURRENT NUMBER OF SLOTS IS *slotcount*

Explanation: The SQL Analysis Feature encountered an overflow in an internal table of size *slotcount*.

System Action: Processing for the current SQL statement stops.

User Response: Notify Compuware Technical Support of the problem.

STR9547W CURRENT OF CURSOR NOT PROCESSED: *sqlstmttext*

Explanation: The SQL Analysis Feature does not process SQL statements containing a "WHERE CURRENT OF" clause.

Refer the declaration of the cursor in *sqlstmttext* for access path information.

System Action: Processing for the current SQL statement stops.

User Response: None required.

STR9550E CURSOR INDEX ENTRY *entry* NOT FOUND

Explanation: An attempt by the SQL Analysis Feature to locate internal index entry *entry* when using existing PLAN_TABLE rows failed.

System Action: Processing for the current SQL statement stops.

User Response: If you have the required DB2 privileges, resubmit the Profile creation request without specifying "Y" in the USE EXISTING PLAN-TABLE ROWS field on the SQL ANALYSIS FEATURE REPORT SETTINGS panel.

Notify Compuware Technical Support of the problem.

STR9551E LOAD OF RULE THRESHOLD SET *ruleset* FAILED

Explanation: An attempt by the SQL Analysis Feature to load rule threshold set *ruleset* failed.

System Action: Processing for the current Profile stops.

User Response: Ensure that the value of *ruleset* specified in the RULE THRESHOLD SET field of the SQL ANALYSIS FEATURE REPORT SETTINGS panel identifies a valid, loadable PDS member, and that the member is in a library that is available to SQL Analysis Feature during Profile creation.

STR9552E UNDEFINED TOKEN TEXT: *tokenid (firsttoken)*

Explanation: An attempt by the SQL Analysis Feature to locate an entry for token *tokenid* in an internal table failed.

System Action: Processing for the current SQL statement continues, but the text "(undefined)" will appear in the Translation report.

User Response: Notify Compuware Technical Support of the problem.

STR9553E I/O ERROR ON FILE ID *fileid*: *text*

Explanation: The SQL Analysis Feature encountered an I/O error while processing the file identified by *fileid*. *text* describes the reason for the error.

System Action: Processing for the current Profile stops.

User Response: Notify Compuware Technical Support if the cause of the problem is not apparent.

STR9554E INVALID EXECUTION TYPE FOR EXISTING PLAN_TABLE ROWS: *exectype*

Explanation: The statement execution type *exectype* passed to the SQL Analysis Feature is not a valid type when using existing PLAN_TABLE rows; existing PLAN_TABLE rows can be used for embedded, static SQL statements associated with DBRMs for which STROBE recorded measurement activity.

System Action: Processing for the current SQL statement stops.

User Response: Enter "N" in the USE EXISTING PLAN-TABLE ROWS field in the SQL ANALYSIS FEATURE REPORT SETTINGS panel and recreate the Profile.

STR9555E EXPECTED TOKEN NOT FOUND IN STATEMENT: *mfstmnbertext:sqlstmttext*

Explanation: An internal error occurred in the SQL Analysis Feature while parsing SQL statement *sqlstmttext*, where *mfstmnnumber* is the SQL statement number assigned by STROBE.

System Action: Processing for the current SQL statement stops.

User Response: Notify Compuware Technical Support of the problem.

STR9556E ALLOCATION OF DATABASE OBJECT BUFFER FAILED

Explanation: The SQL Analysis Feature cannot allocate an internal table.

System Action: Processing for the current SQL statement stops.

User Response: Notify the STROBE system programmer of the problem.

STR9557E RETRIEVAL OF DATABASE OBJECT *object* FAILED

Explanation: The SQL Analysis Feature cannot resolve the definition for database object *object*.

System Action: Processing for the current SQL statement stops.

User Response: Ensure that *object* identifies an existing database object in the catalog of the DB2 subsystem against which the SQL Analysis Feature connected.

To determine to which subsystem the SQL Analysis Feature connected, first review the PF Parameters line in the Report Parameters section of the Measurement Session Data report. If you requested the SQL Analysis Feature to connect to a specific DB2 subsystem, the report displays that subsystem ID following PF parameter SSID.

Otherwise, the SQL Analysis Feature connected to the subsystem identified in the Subsystems line of the Measurement Parameters section in the Measurement Session Data report.

If *object* does identify a valid object in the DB2 subsystem, refer to the messages that precede STR9557E for additional information.

STR9558E DEFINITION FOR *objecttype* *objectname* NOT FOUND

Explanation: The SQL Analysis Feature cannot retrieve *objectname* that exists in the sample data set for which a Profile request was submitted. *objecttype* identifies a package or DBRM.

System Action: Processing for all SQL statements associated with *objectname* stops.

User Response: Ensure that *objectname* identifies a valid object of type *objecttype* in the DB2 catalog of the DB2 subsystem to which the SQL Analysis Feature connected.

STR9559E OPEN FOR TRACE OUTPUT FILE FAILED, TRACE OPTION DISABLED

Explanation: The SQL Analysis Feature cannot open the file into which it writes trace output.

System Action: The SQL Analysis Feature disables generation of trace output for the Profile.

For batch jobs, the SQL Analysis Feature writes trace output to the file defined for ddname SYSTERM.

User Response: Insert a data definition statement for SYSTERM into your JCL and resubmit the job.

STR9560E INCOMPLETE PLAN_TABLE DEFINED FOR AUTHORIZATION ID *authID*

Explanation: The instance of PLAN_TABLE defined for authorization ID *authID* does not contain all the columns required by the SQL Analysis Feature.

System Action: Processing for the current Profile stops.

User Response: Either DROP the instance of PLAN_TABLE defined for *authID* and let the SQL Analysis Feature create a new instance during a subsequent Profile request, or ALTER the PLAN_TABLE so that it includes the complete set of columns that you can define for PLAN_TABLE.

Refer to the IBM manuals *IBM DATABASE 2 SQL Reference* and *IBM DATABASE 2 Administration Guide, Volume III* for additional information regarding the definition of PLAN_TABLE.

STR9561E STR9561E DB2 VERSION *version* NOT SUPPORTED

Explanation: The version of the SQL Analysis Feature that you invoked while creating a Profile does not support the version of DB2 identified in *version*.

System Action: Processing for the current Profile stops.

User Response: Notify the STROBE system programmer.

STR9562E ATTEMPT TO SET COLLECTION ID *collid* FAILED, SEE PRECEDING MESSAGE(S)

Explanation: An attempt by the SQL Analysis Feature to use the package set identified by collection *collid* failed.

System Action: Processing for the current Profile stops.

User Response: To determine for which collection ID the SQL Analysis Feature generated this message, refer to the value following CATCRID in the PF Parameters line of the Report Parameters section in the Measurement Session Data report.

Also, refer to the messages that precede STR9562E for additional information.

STR9563E ALLOCATION OF TOKEN STACK FAILED

Explanation: The SQL Analysis Feature cannot build an internal table.

System Action: Processing for the current SQL statement stops.

User Response: Refer to accompanying message STR9504E for additional information.

STR9564E UNDEFINED TOKEN FOUND: *tokentext*

Explanation: The SQL Analysis Feature encountered an undefined token *tokentext* while parsing the current SQL statement.

System Action: Processing for the current SQL statement stops.

User Response: Refer to accompanying message STR9555E for additional information. Notify Compuware Technical Support of the problem.

STR9565W PROCESSING FOR STATEMENT *mfstmtnumber* IN *objecttype* *objectname* OF PLAN *planname* WAS UNSUCCESSFUL

Explanation: The SQL Analysis Feature did not successfully process SQL statement *mfstmtnumber* in DBRM *objectname* bound to plan *planname*:

- *mfstmtnumber* is the SQL statement number assigned by the STROBE DB2 Feature.
- *objecttype* identifies *objectname* as either a package or a DBRM.
- *planname* identifies the plan into which the user bound *objectname*.

System Action: Processing for the current SQL statement stops.

User Response: Refer to the messages that precede STR9565W for additional information.

STR9566I FUNCTION_TABLE CREATED FOR AUTHORIZATION ID *authID*

User Response: The SQL Analysis Feature created an instance of FUNCTION_TABLE for authorization ID *authID* during Profile creation.

System Action: STROBE continues processing.

User Response: None required.

STR9567W ERROR OCCURED DURING ACCESS OF FUNCTION_TABLE, SEE PRECEDING MESSAGES

Explanation: An attempt by the SQL Analysis Feature during Profile creation either to create an instance of FUNCTION_TABLE for the resolved authorization ID or to locate an instance of FUNCTION_TABLE when using existing PLAN_TABLE rows failed.

System Action: The user-defined function section of the Translation report will not appear.

User Response: If the Profile request specified use of existing PLAN_TABLE rows, ensure that an instance of FUNCTION_TABLE exists for the specified authorization ID. Otherwise, refer to preceding messages for additional information.

STR9568W ALLOCATION OF FUNCTION TABLE BUFFER FAILED

Explanation: The SQL Analysis Feature cannot allocate an internal table.

System Action: Processing continues.

User Response: Notify the STROBE system programmer of the problem.

STR9569W INCOMPLETE FUNCTION_TABLE DEFINED FOR AUTHORIZATION ID *authID*

Explanation: The instance of FUNCTION_TABLE defined for authorization ID *authID* does not contain all the columns required by the SQL Analysis Feature.

System Action: The user-defined function section of the Translation report will not appear.

User Response: Either DROP the instance of FUNCTION_TABLE defined for *authID* and let the SQL Analysis Feature create a new instance during a subsequent Profile request, or ALTER the FUNCTION_TABLE so that it includes the complete set of columns that you can define for FUNCTION_TABLE.

Refer to the IBM manuals *IBM DATABASE 2 SQL Reference* and *IBM DATABASE 2 Administration Guide, Volume III* for additional information regarding the definition of FUNCTION_TABLE.

STR9570W NO FUNCTION_TABLE ROWS FOR STATEMENT *mfstmtnumber* (*srcstmtnumber*) IN *objecttype* *objectname* OF PLAN *planname*

Explanation: An attempt by the SQL Analysis Feature to locate existing FUNCTION_TABLE rows for statement *mfstmtnumber* (*srcstmtnumber*) in *objecttype* *objectname* of plan *planname* failed.

- *objecttype* identifies *objectname* as either a package or a DBRM.
- *mfstmtnumber* is the SQL statement number assigned by STROBE.
- *srcstmtnumber* is the SQL statement number assigned by the DB2 precompiler that EXPLAIN inserts into the QUERYNO column of table PLAN_TABLE.

EXPLAIN(YES) was not specified when *objectname* was bound into plan *planname*.

The resolved authorization ID does not qualify the correct instance of FUNCTION_TABLE.

System Action: The user-defined function section of the Translation report will not appear.

User Response: Rebind the plan with the correct authorization ID and EXPLAIN(YES) if the user_defined function section of the Translation report is desired.

STR9571I NO EXISTING FUNCTION_TABLE FOUND FOR AUTHORIZATION ID *authID*

Explanation: An attempt by the SQL Analysis Feature to locate an instance of FUNCTION_TABLE for authorization ID *authID* when using existing PLAN_TABLE rows failed.

System Action: The user-defined function section of the Translation report will not appear.

User Response: Verify the value of the AUTHORIZATION ID on the SQL ANALYSIS FEATURE REPORT SETTINGS panel. Notify Compuware Technical Support if you are unable to resolve the problem.

Chapter 3.

Abend Codes Returned by STROBE

Measuring with STROBE does not affect the execution of the target program. STROBE causes a measured step to terminate abnormally only when the user program itself has terminated abnormally.

When a measurement task module abnormally terminates, STROBE writes abnormal termination information to the sample data set. The session management facility writes abnormal termination data to the STROBE log and to its SYSPRINT data set.

STROBE Programmed Terminations

Under certain circumstances, the measurement task can terminate with a programmed abnormal termination. User programs are not affected.

When you receive any of the abnormal termination (ABEND) codes listed below, note the ABEND code number and inform the STROBE system programmer of the problem.

ABEND Code	Reason for the measurement task ABEND
0000	STROBE issued an ABEND during measurement initialization
0001	STROBE issued an ABEND request to the measurement task
0100	The release level of the session management facility is earlier than the release level of the measurement task
0101	The release level of the measurement task and the release level of the session management facility are incompatible
0103	The user attempted to invoke the measurement facility through STRBVPH1
0322	The measurement task used an excessive amount of time — there may be a loop in the program

The session management facility also issues ABEND codes. Conditions that can cause these abnormal terminations include:

- A program that was not part of the STROBE system attempted to use the session management facility.
- The program being measured damages the measurement task or its working storage (both located in the target program's address space).
- The operating system malfunctions.

The session management facility uses ABEND codes for all programmed ABENDs and shows the ABEND code with the termination message. These codes take the form 6xx. The reason code is represented as the hexadecimal equivalent of the value.

ABEND and Reason Code	Reason for the Session Management Facility ABEND
610-0	An ENV test command was issued
610-1	ISPF and session requester releases are incompatible
610-2	Call to session requester is invalid
610-4	BLDL failed for the module
610-5	STROBE could not locate the module
610-6	STROBE detected an internal error while processing a parameter list
610-7	STROBE detected an internal error while processing a request
610-8	STROBE detected an internal error while processing an ENV REMOVE request
610-9	Open failed for the SYSQUEUE data set
610-F	STROBE experienced a failure issuing the SVCUPDTE service or ENQ service
610-10	STROBE detected an internal error while searching an SVC table
610-11	STROBE detected an internal error in parser; the reason code identifies the specific location of the error
610-12	STROBE detected an internal error in parser; the reason code identifies the specific location of the error
610-14	STROBE detected an internal error in parser; the reason code identifies the specific location of the error
610-18	System service QEDIT failed during started task initialization
611-0	Session requester terminated because the operator pressed the ATTN key
611-1	Session requester terminated as part of session manager ABEND processing
620-1	Versions of STRBCPH0 and STRBCLPA are incompatible
620-2	Attach of user's program failed
620-3	System service BLDL failed
620-4	STROBE detected an internal error; the reason code gives the specific location of the error
620-5	STROBE detected a serialization error during measurement task initialization
620-6	STROBE attempted to attach the session requester as a subtask and this attach failed
630-0	Versions of STRBCLPA and STRBCRB are incompatible

ABEND and Reason Code	Reason for the Session Management Facility ABEND
650-0	An invalid entry code passed to the STROBE SVC, or the STROBE SVC was called by an unauthorized user
650-1	Invalid SRE address passed to the STROBE SVC
650-2	Invalid parameter passed to the STROBE SVC message function
650-3	Cross-memory post failed during a SEND command while the session manager was trying to post the measurement task
650-4	Cross-memory post failed during POST processing while trying to post the session manager or the session requester
650-5	Cross-memory post failed during end-of-task exit processing while the session manager or the session requester was trying to post STRBCSM or STRBCSR
650-6	SVC ABEND; STROBE detected an internal error in DELETE function
650-7	SVC ABEND; STROBE detected an internal error in SEND function
650-8	SVC ABEND; STROBE detected an internal error in SEND function
650-9	SVC ABEND; STROBE detected an internal error in SEND function
650-A	SVC ABEND; STROBE detected an internal error in SEND function
650-B	STRBCXAC error calling exit
650-C	Internal error building MSCB
650-D	STROBE detected an invalid OUCB
650-E	Invalid parameter passed to STROBE SVC sign-on function
650-F	Invalid parameter passed to STROBE SVC sign-on function
650-10	STROBE detected an internal error in SWAREQ processing
660-0	SRB ABEND; cross-memory post failed
670-0	IRB ABEND; cross-memory post failed
700-8	Sysevent transwrap failed
700-12	Cross-memory post of session manager failed
700-22	Attach of AutoSTROBE subtask failed
701-1	Timer failure
701-3	AutoSTROBE work area unavailable
777-2	Cross-memory post of Measurement Services Address Space (MSAS) failed

Function Codes Returned by STROBE Session Manager

When function codes appear in error messages, they provide additional information about the state of STROBE Session Manager when the error occurred. This diagnostic information can be helpful in troubleshooting errors that STROBE may encounter.

Function Code returned by STROBE Session Manager	Definition of the Function Code
10	Terminates a request
12	Checks Queue space
14	Obtains a request number
15	Shows XCF Group members
16	Calls task mode receiver
17	Collects XCF Group parameters
18	STROBE Request Element update facility
20	Deletes dummy Queue record
21	Calls the Group Configuration Manager
22	Activates the Attach Filter Request
23	RESYNC Command
32	ADD QUEUED (phase 1)
33	ADD QUEUED (phase 2)
34	CHANGE QUEUED (phase 3)
35	CHANGE QUEUED (phase 2)
36	DISPLAY (phase 1)
37	DISPLAY (phase 2)
38	ADD QUEUED (phase 3)
39	Reads module tracking record (MTTR)
48	ADD ACTIVE (phase 1)
49	ADD ACTIVE (phase 2)
50	ADD ACTIVE (phase 3)
51	SEND (phase 1)
52	SEND (phase 2)
53	SEND (phase 3)
54	CHANGE ACTIVE (phase 1)

Function Code returned by STROBE Session Manager	Definition of the Function Code
55	Initiates Queued Request Element Build/Write/Broadcast
64	Error in processing message from member
65	Message in response to internal STROBE command
66	Error processing internal STROBE command
67	Internal Delete (phase 1)
68	Internal Delete (phase 2)
69	STROBE Request Element Update Facility (phase 1)
70	STROBE Request Element Update Facility (phase 2)
72	CHANGE ACTIVE (phase 2)
73	CHANGE ACTIVE (phase 3)
80	DELETE (phase 2)
81	DELETE (phase 3)
82	DELETE (phase 4)
83	Initializes Timer Queue
84	STROBE Expiration Check
86	Reads Messages Service
87	Task-Mode Receiver (phase 2)
88	Synchronous return to Session Requestor (ADD QUEUED)
89	Synchronous return to Session Requestor (CHANGE QUEUED)
96	ADD GROUP
97	CHANGE GROUP
98	LIST GROUP
99	DELETE GROUP
100	SUBMIT GROUP
113	Advanced Session Management Scheduling
114	Internal ADD ACTIVE (phase 1)
115	Internal ADD ACTIVE (phase 2)
116	Internal ADD ACTIVE (phase 3)
117	Internal SEND (phase 1)

Function Code returned by STROBE Session Manager	Definition of the Function Code
118	Internal SEND (phase 2)
119	Internal SEND (phase 3)
120	Advanced Session Management Concurrent ADD (phase 1)
121	Advanced Session Management Concurrent ADD (phase 2)
128	Session Manager internal NOP function
129	Advanced Session Management Scheduling
130	Marks STROBE Request Element complete (phase 1)
131	Marks STROBE Request Element complete (phase 2)
132	Advanced Session Management Concurrent ADD (phase 3)
144	Creates Auto Profile (phase 1)
145	Creates Auto Profile (phase 1)